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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
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Calcutta, the 11th July 1998

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1—147 GI/98

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Ph. No. 490 1495 Fax 044-4901492.

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कलकत्ता, दिनांक 11 जुलाई 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

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पेटेंट कार्यालय शाखा, टांडी इस्टेट,
लीमरा तल, लोअर परले (प.),
बम्बई-400 013.

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गीजा राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली।

तार पता-“पेटेंटॉफिक”

फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, लीमरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005.

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता-“पेटेंटॉफिक”

फोन : 5782532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,

चिंग सी (सी-4, ए)

लीमरा तल, राजाजी भवन बंगलूर नगर,

बंगलूर-600090।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मित्रिकाय
तथा एमिनिदिमि द्वीप।

तार पता-“पेटेंटॉफिक”

फोन : 4901495 फैक्स : 044-4901492

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निचाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020.

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तार पता - “पेटेंट्स”

फोन : 2474401 फैक्स : 033-2473851

पेटेंट अभिनियम, 1970 या पेटेंट नियम, 1972 में
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जहाँ उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित
बैंक से नियंत्रक का भुगतान योग्य बैंक डाफ्ट अथवा बैंक द्वारा
की जा सकती है।

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD, CALCUTTA-20

The dated shown in the crecent bracked are the dated
claimed under section 135, under Patent Act, 1970.

27-5-1998

946/Cal/98 Supreme Paper Mills Ltd., “Agroligno sulpho-
nate”.

947/Cal/98. World Industry Co. Ltd., “Apparatus for chang-
ing rotation of pedal shaft for bicycle”. (Con-
vention No. 1997-23667 on 9-6-97 in Republic of
Korea).

948/Cal/98. The Babcock & Wilcox Company, “Method for
protecting from damage the material of a gas-gas
heater, used for treatment of flue gas”. (Divided
out of No. 759/Cal/94 antdated to 19-9-94).

949/Cal/98. The Babcock & Wilcox Company, “Ductile em-
bedment in brittle metal parts”. (Convention No.
08/869.322 on 5-6-97 in U.S.A.).

950/Cal/98. The Timken Company, “Roller-Formed bearing
race and process for producing the same”

28-5-1998

951/Cal/98. Philips Electronics N. V., “Extending battery life
in electronic apparatus”. (Convention No.
9716142.6 on 1-8-97 in Great Britain).

952/Cal/98. Kianeka Corporation, “Method for reducing a-
aminiketone”. (Convention No. 9-162005 on 3-6-
97 & 9-219287 on 29-07-97 in Japan).

953/Cal/98. American Cyanamid Company, “Herbicidal 3,
5-difluoropyridines”. (Convention No. 08,866,772
on 30-5-97 in U.S.A.).

954/Cal/98. American Cyanamid Co., “Process for preparing
herbicidal 3, 5-difluoropyridines”. (Convention
No. 08/866,772 on 30-5-97 in U.S.A.).

955/Cal/98. Degussa Aktiengesellschaft, “Process for measur-
ing density and mass flow”. (Convention No.
19722274.9 on 28-5-97 in Germany).

956/Cal/98. Siemens Aktiengesellschaft, “Process and arrange-
ment for reception of data”. (Convention No.
19724027.5 on 6-6-97 in Germany).

957/Cal/98. ED. Scharwachter GMBH, “Demontable door
hinge. (Convention No. 19723401.1 on 4-6-97 in
Germany).

29-5-1998

स्वीकृत सम्पूर्ण विनिर्देश

- 958/Cal/98. Western Seed Espana S.A., "Seedless tomato & method for producing a seedless tomato, hybrid tomato plants capable of producing said seedless tomatoes and cultivation material therefore, and food products obtained from said seedless tomatoes".
- 959/Cal/98. Samsung Electronics Co. Ltd., "Data detector and data detection method". (Convention No. 97-39945 on 21-8-1997 in Republic of Korea).
- 960/Cal/98. The Babcock & Wilcox Co., "Apparatus for separating solids from a solids and gas flow in a combustor having fluid circulating system". (Divided out of No. 783/Cal/94 antedated to 26-9-1994).
- 961/Cal/98. 1. Shekaripuram Narayanaswamy Ramachandran. 2. Ayyappankav Ganesan Raghunath. 3. Venkatakrishnasarma Hariharakrishnan. 4. Mariappan Anbarasan. 5. Appavu Pavendhan. "A device for measuring the quality of fibers and a method for obtaining defect free roving".
- 962/Cal/98. Phillips Petroleum Co., "Process for producing mercaptans". (Convention No. 08/923752 on 2-9-97 in U.S.A.).
- 963/Cal/98. Toyo Engineering Corporation, "Desulfurization process for flue gases". (Convention No. 167469/97 on 24-6-97 & 070335/98 on 19-3-1998 in Japan).
- 964/Cal/98. Siemens Aktiengesellschaft, "Distribution device for a telecommunications system". (Convention No. 19723453.4 on 4-6-97 in Germany).
- 965/Cal/98. Siemens Aktiengesellschaft, "Radio transmission method and cordless telephones in particular for dect standard". (Convention No. 19730984.4 on 18-07-97 in Germany).

COMPLETE SPECIFICATION ACCEPTED

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एतद्वारा यह सूचना दी जाती है कि सम्बन्ध आवंटनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवंटित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकस्थ को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

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Ind. Cl. : 49 I & B

181521

Int. Cl. : A 47 J 27/00, 27/60.

METHOD FOR MAKING A COOKING VESSEL WITH A GRID OR PERFORATED PLATE FIXED TO THE BOTTOM THEREOF AND A COOKING VESSEL MADE THEREBY.

Applicant : SEB S.A., OF LES 4M, CHEMIN DU PETIT BOIS, 69130 ECULLY FRANCE.

Inventor : DENIS FLAMMANG.

Application No. 124/Cal/1994 filed on 2nd March 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

A method for making a cooking vessel with a grid of perforated plate made of hard metal fixed to the bottom thereof, in which the grid or perforated plate is fixed by closed-die forging, in particular by cold striking, so as to make the metal of said bottom penetrate into the openings in said grid or perforated plate, characterised in that a series of reliefs are

formed, by closed-die forging operation, on the surface of the grid or perforated plate and also on the surface of the bottom of the vessel, simultaneously with, or after the closed-die forging operation for fixing the grid of perforated plate to the bottom of the cooking vessel.

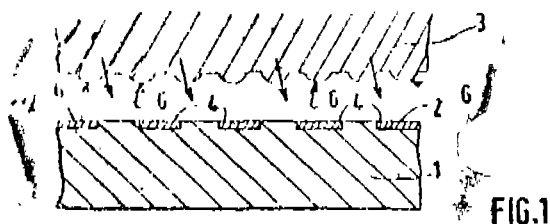


FIG. 1

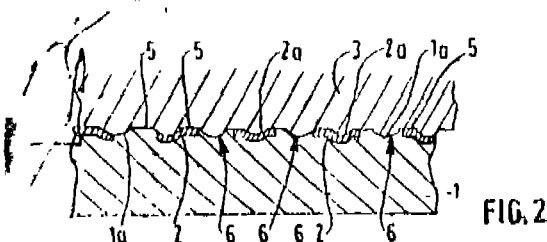


FIG. 2

(Compl. Specn. 9 pages;

Drgns. 2 sheets.)

Ind. Cl. : 152 E + 156 A

181522

Int. Cl. : C 08 L 29/04, 79/08
B 29 D 7/00.

A MELT PROCESSABLE COMPATIBLE THERMOPLASTIC POLYMERIC BLEND.

Applicant : McNEIL-PPC, INC., OF VAN LIEW AVENUE, MILL TOWN, NEW JERSEY 08850. UNITED STATES OF AMERICA

Inventors :

1. SHMUEL DABI.
2. MARK M. PERSINKO.

Application No. 146, Cal/1994 filed on 9th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims

A melt processable compatible thermoplastic polymeric blend comprising a mixture of 45–90% polyvinyl alcohol, 3–25% of hydrophobic polymer containing an amide type group such as herein described, 0.1–5% ethylene carbonate and 5–45% plasticizer such as herein described.

(Compl. Specn. 14 pages;

Drgns. Nil.)

Ind. Cl. : 24 D2

181523

Int. Cl. : B 61 H 11/00.

AN IMPROVED FEED VALVE FOR COMPRESSED AIR BRAKE SYSTEM ON A RAILWAY LOCOMOTIVE OR OTHER RAIL VEHICLES.

Applicant : STONE INDIA LIMITED, OF 16 TARA-TALLA ROAD CALCUTTA-700 088.

Inventor : APURBA KUMAR BOSE.

Application No. 199/Cal/1994 filed on 25th March, 1994.

(Complete specification left after provision on 24-3-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

An improved feed valve for compressed air brake system on a railway locomotive or other rail vehicles comprising two portions, a supply portion and a regulating portion, a main reservoir of compressed air, a cast body assembly housing the valve, said supply portion consisting of a supply valve and a metallic valve seat for the said supply valve adapted to supply air under pressure to the brake system, a rubber diaphragm piston assembly biased by a spring, an air chamber on said piston assembly and another air chamber below assembly, a further air chamber provided over supply valve piston bush and around said spring, air under pressure from said reservoir flows to said further air chamber acting in turn on the air of said chamber provided on the said piston assembly forcing the latter downwards against the tension of said spring of said piston assembly resulting in the flow of main reservoir air in said further air chamber over said piston bush and finally to brake system via a further air chamber provided over the supply valve seat resulted by the opening of said supply valve.

said regulating portion consisting of a regulating valve, a regulating valve spring, a metallic regulating valve seat to which said regulating valve adapted normally to contact under the force of said spring, an adjusting handle, a regulating spring preset by said handle in accordance with the air pressure required for the system.

characterized in that, both said supply valve and the regulating valve are rubber-bonded by reason of which there is no mechanical wear and tear when the latter valve is seated on and the former valve is in contact with their respective valve seats in their closed condition in a completely air-leak-proof manner.

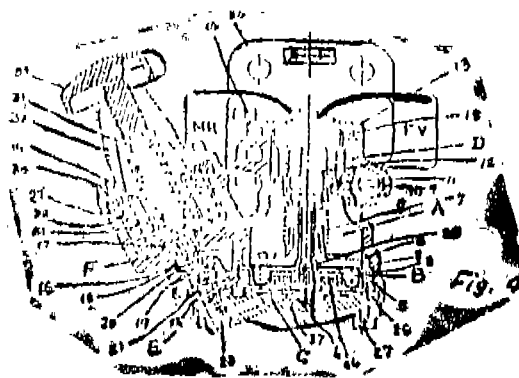


FIG. 3

(Compl. Specn. 17 pages;

Drgns. 2 sheets.)

Ind. Cl. : 35 F

181524

35 C.

Int. Cl. : C 04 B 7/14, 28/04.

NOVEL CEMENT COMPOSITION CONTAINING BLAST FURNACE SLAG OR SLAGS OF SIMILAR COMPOSITION.

Applicant & Inventor : DR. BAIDYANATH SAMADDAR, OF 323/1, BELILIOUS ROAD, HOWRAH-711 101, WEST BENGAL, INDIA

Application No. 300, Cal/1994 filed on 27th April, 1994.

(Complete specification left after provisional on 18-4-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Calcutta.

9 Claims

A novel cement composition obtained from blast furnace slag or slags of similar composition comprising in combination :—

- (i) blast furnace slag—15—65% by weight.
- (ii) hydrated lime—10—40% by weight.
- (iii) gypsum and/or anhydrite—5—40% by weight and, if desired
- (iv) portland cement and/or additives—2—20%, said additives being such as herein described

(Compl. Specn. 10 pages;

Drgns. Nil.)

Ind. Cl. : 39 P

181525

Int. Cl. : B 22 C 1/18

C 09 J 1/02.

A NOVEL PROCESS FOR PREPARING AN INORGANIC BONDING AGENT AND COMMERCIALY VALUABLE PRODUCTS MADE THEREWITH.

Applicant & Inventor : DR. BAIDYANATH SAMADAR, OF 323/1, BELIJOUS ROAD, HOWRAH-711 101, WEST BENGAL, INDIA.

Application No. 301/Cal/1994 filed on 27th April, 1994.

(Complete specification left after provisional on 18-4-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

10 Claims

A novel process for preparing an inorganic bonding agent magnesium aluminium hydrate (MAH) and commercially valuable products such as herein described made therewith, which process comprises in combination the following steps :—

- (a) preparation of solutions of aluminium and magnesium salts in a manner such as herein described separately and cooling the same to a temperature below 30°C;
- (b) mixing of the solutions and adjusting pH of the mixed solution to a value between 7.5 and 10 by addition of liquor ammonia or by passage of ammonia gas through the cooled mixture of solution so as to cause precipitation of (MAH);
- (c) filtration of the precipitated hydrate compound to separate it from the reaction medium in the form of cake or spray drying of the precipitate from the liquid itself containing the same;
- (d) drying and powdering of the filter cake as obtained in step (c) and optionally;
- (e) mixing the powdered material with at least one additive such as herein described to obtain the commercially valuable products in a manner such as herein described.

(Compl. Specn. 16 pages;

Drgns. Nil.)

Ind. Cl. : 127 D
134 B.

181526

Int. Cl. : F 16 H 15/04.

COMPOUND CHANGE GEAR TRANSMISSION STRUCTURE.

Applicant : EATON CORPORATION, OF 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114. UNITED STATES OF AMERICA.

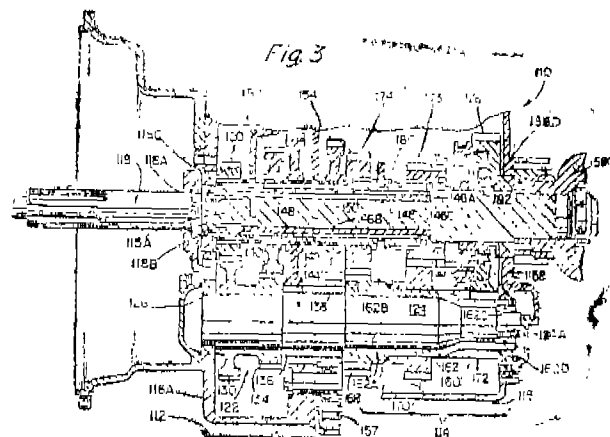
Inventor : ALAN CHARLES STINE.

Application No. 361/Cal/1994 filed on 13th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A compound change gear transmission structure (110) comprising a multiple-speed main transmission section (112) connected in series with a multiple-speed auxiliary transmission section (114), both said transmission sections being disposed in a housing (116), an input shaft (118) extending into said main transmission sections, a main shaft (146) extending from said main transmission section into said auxiliary transmission section and an output shaft (158) extending from said auxiliary transmission section, said transmission is characterized in that said main shaft is supported for rotation in said housing solely by at least one of said input shaft and said output shaft.



(Compl. Specn. 20 pages;

Drgns. 10 sheets.)

Ind. Cl. : 35 A

181527

Int. Cl. : C 04 B 35/00.

A PROCESS FOR PREPARING A MATERIAL HAVING CERAMIC-LIKE PROPERTIES.

Applicant & Inventors : 1. MARCELI CYRKIEWICZ, OF NARUTOWICZA STREET, 139, 90—145 LODZ, POLAND. 2. ERWIN HERLING, OF 817 FIFTH AVENUE, NEW YORK, N. Y. 10021, UNITED STATES OF AMERICA. 3. JACEK KLESZCZEWSKI, OF FALISTA STREET 157, 94—115 LODZ, POLAND.

Application No. 445/Cal/1994 filed on 13th June, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

A process for preparing a material having ceramic-like properties by binding an inorganic filler with a synthetic resin in a non-aqueous system, characterised in that process consists of the following steps :

- heating the inorganic filler in the form of waste phosphogypsum for atleast one hour at a temperature of at least 167°C;
- adding to 100 volume parts of a epoxy resin or a mixture of epoxy resin with 20—80 volume % polystyrene resins, 45—200 volume parts of the preheated inorganic filler with a grain size of upto 20 um on continuous stirring for 0.2-5 hours; and
- adding 8—20 volume parts of a curing agent to the resulting mixture for curing the mixture;
- casting the resulting mixture into a mould;
- curing the mixture in the mould; and
- demoulding the article.

(Compl Specn 11 pages;

Drgns. Nil.)

Cl. : 64 B.

181528

Int. Cl. : H 01 R 9/03.

AN ELECTRICAL PLUG CONNECTOR FOR TELECOMMUNICATION AND DATA TECHNIQUE.

Applicant : KRONE AKTIENGESellschaft, OF BEESKOWDAMN 3-11, D. 14160 BERLIN-ZEHLENDORF, GERMANY.

Inventor : MARKUS SPRINGER.

Application No. 753/Cal/94 filed on 19th September, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972). Patent Office, Calcutta.

5 Claims

An electrical plug connector for telecommunication and data technique, comprising Regular Jack contacts disposed in a housing, insulation displacement contacts and contact strips connecting said insulation displacement contact and said Regular Jack contacts, characterized in that a shield contact (1) terminated at said plug connector (25), said shield contact making an electrical connection between the cable shield (95) of the high frequency cable (94) by means of a squeeze connection clamp (23) and said shield contact (1) connected over the intermediate earth wire contact (5) to earth potential,

(Compl. Specn. : 10 pages;

Drgns. : 2 Sheets)

Cl. : 39 K, 9 E.

181529

Int. Cl. : C 22 B 34/12, C 01 G 23/047.

A PROCESS FOR TREATING TITANIFEROUS MATERIAL AND APPARATUS FOR CARRYING OUT THE SAME.

Applicant : RGC MINERAL SANDS LIMITED, OF GOULDS ROAD, NARNGULU, GERALDTON, WESTERN AUSTRALIA, 6530, AUSTRALIA.

Inventors :

- (1) HAROLD ROBERT HARRIS,
- (2) IAN EDWARD GREY.

Application No. : 771/Cal/1994 filed on 22nd September, 1994.

(Convention No. PM 1413/93; on 22-10-1993; in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

18 Claims

A process for treating titaniferous material comprising feeding the titaniferous material to a rotary or elongated kiln at one or more feed ports means positioned at or adjacent a feed end of the kiln, providing conditions in the kiln to upgrade the titaniferous material to produce an upgraded titaniferous product, and recovering a mixture which includes the upgraded titaniferous product from the kiln at discharge port means at or adjacent a discharge end of the kiln, wherein one or more reagents as herein described are introduced into the kiln (i) at a plurality of locations along the length of the kiln, and/or (ii) at or adjacent to said discharge end of the kiln.

(Compl. Specn. : 15 pages;

Dsgn. : 1 Sheet)

Cl. : 55 E 2

181530

Int. Cl. : A 61 K 31/38

C 07 D 333/54.

A PROCESS FOR PREPARING BENZOTHIOPHENE COMPOUNDS, INTERMEDIATES, AND COMPOSITIONS.

Applicant : ELI LILLY AND COMPANY, OF LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Inventors :

- (1) ALAN DAVID PALKOWITZ,
- (2) KENNETH JEFF THRESHER.

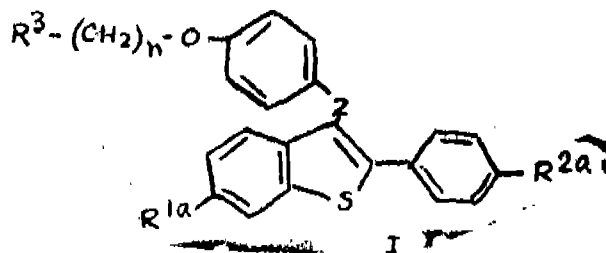
Application No. : 359/Cal/1996 filed on 27th February, 1996.

(Convention No. : 08/552,760 on 3-11-95; 08/552,890 on 3-11-95; 08/552,564 on 3-11-95 and 08/552,565 on 3-11-95 in U.S.A.)

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

WE CLAIM :

- I. A process for preparing compounds of formula I.



wherein

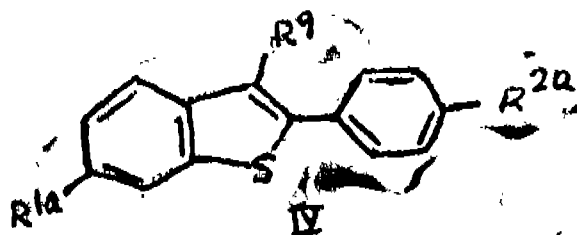
R^{1a} is -H or -OR^a in which R^a is -H or a hydroxy protecting group IR^{2a} is -H, halo, or -OR^a in which R^a is -H or a hydroxy protecting group;R^a is 1-piperidinyl, 1-pyrrolidino, methyl-1-pyrrolidinyl, dimethyl-1-pyrrolidino, 4-morpholino, dimethylamino, diethylamino, diisopropylamino or 1-hexamethyleneimino;

n is 2 or 3; and

z is -O- or -S-;

or a pharmaceutically acceptable salt thereof, comprising

- (a) oxidizing the sulfur atom of a formula IV compound

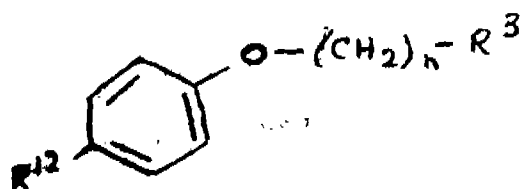


wherein

R^{1a} and R^{2a} are as previously defined; andR⁹ is a leaving group;

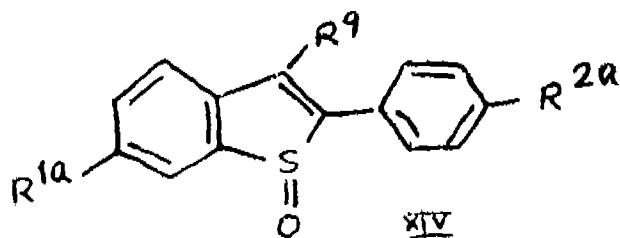
with a mixture of 1 to 1.5 equivalents of hydrogen peroxide and 20% to 50% trifluoroacetic acid in a solvent such as herein described at a temperature in the range of 10° to 50°C;

(b) treating a compound with a nucleophilic group of the formula

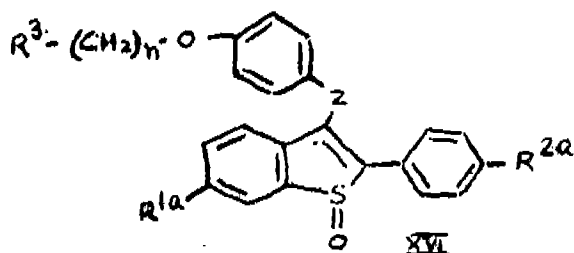


wherein R^{12} is -OH or -SH;

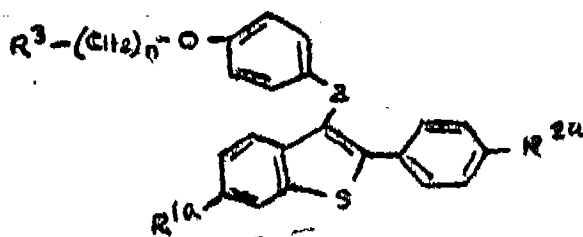
with a base such as herein described in a polar aprotic solvent as herein described at a temperature in the range of 0° to 30°C and subsequently adding the product of step (a), a compound of formula XIV at a temperature between 0° and 50°C



(c) reducing the product of step (b), a compound of formula XVI



by means of a means selected from hydride reduction, catalytic hydrogenation, transfer hydrogenolysis or trimethyl silyl iodide such as herein described to provide a compound of the formula



(d) optionally removing the R^1 and/or R^2 hydroxy protecting groups, when present, of the product of step (c); and
(e) optionally forming a salt of the product of step (c) or step (d).

(Compl. Specn. 142 pages.)

Cl. : 190 C

181531

Int. Cl. : F 03 B 15/04

AN IMPROVED POWER GENERATING SYSTEM.

Applicant & Inventor : BIBEK NARAYAN NANDI, OF 2. GOPAL BANERJEE LANE, CALCUTTA-700 026, WEST BENGAL, INDIA.

Application No. : 11/Cal/1994 filed on 10th January, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

7 Claims

An improved power generating system comprising a turbine assembly and nozzle assembly wherein said turbine assembly comprises the blade assembly and conduit assembly.

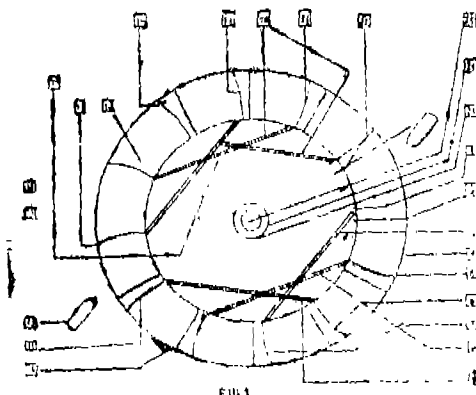


FIG. 1

(Compl. Specn. : 7 pages;

Drgns. : 1 Sheet)

Cl. : 117 B

181532

Int. Cl. : B 65 G 65/30, 67/00.

AN ELECTRO-PNEUMATICALLY OPERATED DOOR OPERATING MECHANISM FOR RAPID-DISCHARGE HOPPER WAGONS.

Applicant : BURN STANDARD CO. LTD., 10-C, HUNGERFORD STREET, CALCUTTA-700 017, WEST BENGAL, INDIA.

Inventors :

- (1) BUDDHADEVA GHOSH,
- (2) ANNADA KINKAR DAS.

Application No. : 46/Cal/1994 filed on 25th January, 1994.

(Complete specification left after provisional on 15-12-1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

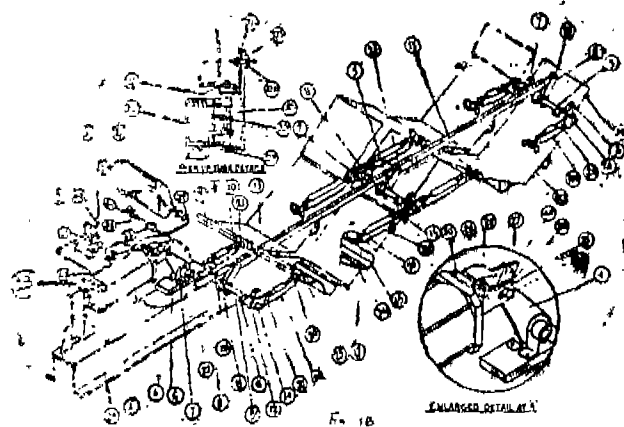
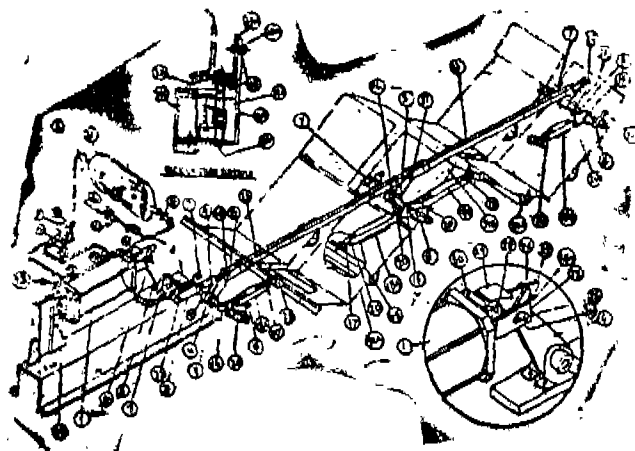
2 Claims

An electro-pneumatically operated door operating mechanism for rapid-discharge hopper wagons comprising a secondary lock system (1B) having air cylinder (1) which is applied with compressed air from main air supply line (34) through dirt collector (35), isolating cock (36), non-returning valve (37), air reservoir (31), air filter (3) inlet (40) and outlet (41) of control (spool) valve (2), inlets (43) and (44) of air cylinder (1), the piston rod of air cylinder (1) with clevis (25) having slot (26A), mounted thereon by means of lock nut (25C), hook (27) with pin (28A) being pressed on clevis (25) by spring (29), main operating lever

(4), held in bearings (6, 7), having lug (4A) at its one end which is linked to cylinder rod clevis (25) of the secondary lock system by engagement of pin (26) in clevis slot (26A), and with hook (27), by the lug (4A) which is engageable with pin (28A) of hook (27), pressed on the boss of said clevis (25) by means of a spring (29) when compressed air is fed into the cylinder (1) through inlet (44) thereof to push the clevis (25) and lug (4A) in the direction towards the cylinder and disengageable from the said pin (28A) when compressed air is fed into the cylinder through inlet (43) to push clevis (25) and lug (4A) in the direction away from the cylinder, the opposite end of main operating lever (4) being linked to clevis (8) by pin (22), the clevis (8) being in turn attached to one end of turn-buckle (9) which is linked at its opposite end to adjustable lever (11) and also to one end of connecting rod (13) by means of eye-bolt (10) and a pin (21), the adjustable lever (11) being attached at its opposite end to operating shaft (5) having square section by adjustable bolts (11A), the opposite end of the connecting rod (13) being linked with other connecting rods (13) and adjustable levers (11) in sequence in the same manner; central levers (15B) fitted on shafts (5) having predetermined shape of contour; door operating levers (14, 15, 16) fitted on shafts (5) leaving gaps (15A) between the adjacent faces of door operating levers (14, 15, 16) and of corresponding central levers (15B), door connecting links (18A, 18B, 19A, 19B) which are pivoted at their one end to the adjacent door flaps (34A, 34B) and at their opposite ends to the adjacent ends of door operating levers (14, 15, 16);

Characterised in that (a) the length of slot (26A) of cylinder rod clevis (25) is made larger than the diameter of pin (26) by at least 10mm to ensure that gap (28B) between hook pin (28A) and lug (4A) remains between 0 and 3mm when compressed air is fed into the cylinder neither through inlet (43) nor through inlet (44), and remains between 5 and 10mm when compressed air is fed into the cylinder through inlet (44) and is not fed into the cylinder through inlet (43);

(b) the contour of central levers (15B) is so shaped that the gaps (15A) between the adjoining faces of door operating levers (14, 15, 16) and of corresponding central levers (15B) are substantially 0mm at one end and 0 to 5mm at other end when the door flaps are in a closed state; and (C) the dispositions of pin centres (P), (Q), (R) and (S), with respect to centre (O) of corresponding shaft (5) and to bottom line (15D) of the sill of wagons, are so made that both pin centres (P) and (S) remain above centre (O), pin centre (Q) remains below, and pin centre (R) remains above centre (O) of corresponding shaft (5).



(Compl. Specn. : 18 pages;

Drgns. : Nil)

Cl. : 206 E

181999

Int. Cl.⁴ : G 01 S 3/00.

CELLULAR TELEPHONE LOCATION SYSTEM.

Applicant : TRUEPOSITION INC., OF 200 GATEWAY TOWERS, PITTSBURGH, PENNSYLVANIA, 15222 UNITED STATES OF AMERICA.

Inventors :

- (1) LOUIS A. STILP,
- (2) CURTIS A. KNIGHT.
- (3) JOHN C. WEBBER.

Application No. : 91/Cal/1994 filed on 14th February, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

14 Claims

A cellular telephone location system for determining the location of multiple mobile cellular telephones, comprising:

- (a) at least three cell sites (12) equipped to receive signals sent by multiple mobile cellular telephones each initiating periodic signal transmissions over one of a prescribed set of reverse control channels wherein each of said at least three cell sites (12a, 12b, 12c) comprises an elevated ground-based antenna (12-1);

a baseband converter (12-3) operatively coupled to said antenna for receiving cellular telephone signals transmitted over a reverse control channel by said cellular telephones and providing baseband signals derived from the cellular telephone signals; a timing signal receiver (12, 8) for receiving a timing signal common to all cell sites, and a sampling subsystem (12, 4) operatively coupled to said timing signal receiver and said baseband converter for sampling said baseband signal at a prescribed sampling frequency and formatting (12-5) the sampled signal into frames of digital data, each frame comprising a prescribed number of data bits and time stamp bits, said time stamp bits representing the time at which said cellular telephones signals were received; and

- (b) locating means central site (16) for automatically determining the locations of said cellular telephones by receiving and processing signals emitted during said periodic reverse control channel transmissions;

wherein

said locating means comprises a central site system (16-1 thru 16-8) operatively coupled to said cell sites, said central site system comprising : means for processing said frames of data from said cell site system to generate a table identifying individual cellular telephone signals and the differences

in times of arrival of said cellular telephone signals among said cell site systems; and means for determining, on the basis of said times of arrival differences, the locations of the cellular telephones responsible for said cellular telephone signals.

(c) database means (20) for storing location data identifying the cellular telephones and their respective locations, and for providing access to said database to subscribers at remote locations.

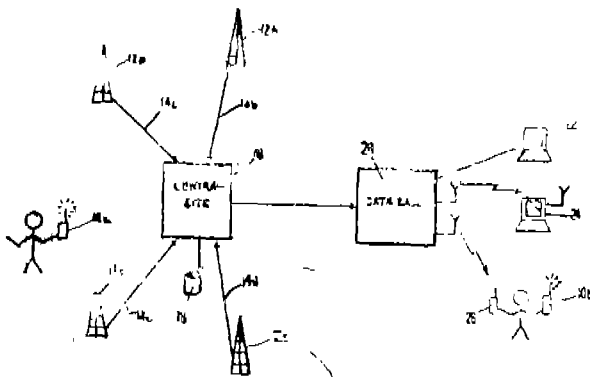


Fig. 2

(Compl. Specn. : 42 pages;

Drgns. : 16 Sheets)

Cl. : 45 G 3

181534

Int. Cl. : E 03 D 3/12, 1/14.

FLUSH MECHANISM TO ALLOW THE USER OF A TOILET TO SELECT BETWEEN TWO DIFFERENT FLUSH VOLUMES.

Applicant : KOHLER CO., OF 444 HIGHLAND DRIVE, KOHLER, WISCONSIN 53044, UNITED STATES OF AMERICA.

Inventors :

- (1) DOUGLAS ARTHUR HULL,
- (2) RANDY OWEN MESUN.

Application No. : 108/Cal/1994 filed on 21st February, 1994.

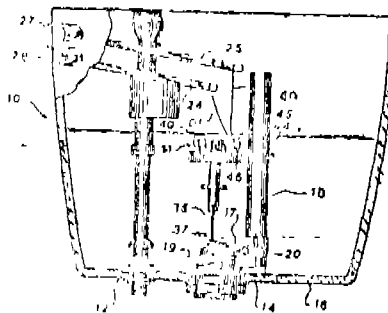
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

2 Claims

A flush mechanism for use to permit selection between two different toilet tank flush cycles, the tank (10) being of the type having a bottom wall (16) with an outlet opening (14) therein and a non-buoyant flapper valve (19) for opening and closing the outlet to control the level of fluid in the tank, the flush mechanism comprising a shaft (32) linked to the flapper valve (19); a float (54) having a bore (56) receiving the shaft (32) whereby the float is slidably mounted on the shaft (32) for upward and downward movement, a float stop (59) disposed below the float (54) on the shaft (32) to limit the downward longitudinal movement of the float (54), a first activation means (25, 27) connected to a first flush linkage (60), and a second activation means (24, 28) connected to a second linkage (61), characterised by a cam (40) pivotally connected to the shaft (32) above and adjacent to the float (54) and having a cam surface engaging the upper surface of the float (54), the cam (40) being rotatable about its pivot between a short flush position wherein the cam surface forces the float (54) downward but to a relatively high position along the shaft (32), and a long

flush position wherein the cam rotates further and the surface cam forces the float (54) downward into a lower position along the shaft (32); the first linkage (60) being connected at a first location on said cam, the second flush linkage (61) being connected at a second location on said cam, the first activation means being capable of moving the first flush linkage (60), thereby allowing the cam and float (54) to assume a short flush position; and the second activation means being capable of moving the second linkage (61) thereby moving the cam and float (54) into a long flush position.

FIG. 1



(Compl. Specn. : 13 pages;

Drgns. : 4 Sheets)

Cl. : 42 A 1

181535

Int. Cl. : A 24 D 3/02.

METHOD FOR PRODUCING FIBER SKEIN AND AN APPARATUS FOR CARRYING OUT THE SAME.

Applicant : RHONE-POULENC RHODIA AKTIENGESSELLSCHAFT, OF ENGESSERSTRASSE 8, D-79108 FREIBURG, GERMANY.

Inventors :

- (1) EBERHARD TEUFEL,
- (2) CHRISTOPH GREINER,
- (3) THOMAS LEUTNER.

Application No. : 341/Cal/1994 filed on 9th May, 1994.

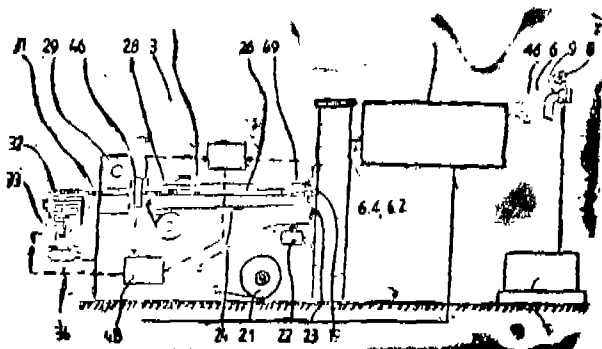
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

21 Claims

Method for producing a fiber skein or simultaneously several fiber skeins, in particular for simultaneous producing of two fiber skein for cigarettes and for other smokable rod-shaped articles, from one or several fiber strips, in particular a filter tow strip, where in said method comprising the following steps :

- (a) drawing said fiber strip(s), in particular said filter tow strip, off a supply,
- (b) feeding said fiber strip(s) to a subsequent treatment wherein said fiber strip(s) is stretched and fluffed,
- (c) after treatment, collecting said treated fiber strip(s) in a forming unit to a round fiber skein or round fiber skeins which lastly are provided with an enveloping material to form one or more continuous, wrapped fiber skeins, in particular filter skeins, characterised in that said fiber strip(s) is at the beginning of said treatment subjected to a brake force to adjust at least the quantity of said fiber strip(s) to be processed, the brake force being set automatically, that a characteristic value for density rises and draws resistance of said produced fiber skein(s), in particular of said filter skein(s), is

detected and measured to obtain an actual value of said characteristic value, and that said brake force is controlled or regulated as a function of said obtained actual value and of a predetermined desired value of said characteristic value, at the beginning of said treatment, before said stretching step, the brake force acts on said fiber strip(s), in particular on said filter two strip(s).



(Compl. Specn. : 22 pages;

Drgns. : 8 sheets)

Cl. : 86 A

181536

Int. Cl. : G 12 B 9/08.

A DEVICE FOR A SUSPENDED ARRANGING OF AN ELONGATE ARTICLE.

Applicant : ALFRED HEER, OF TODISTR. 44,8344 BARETSWIL, SWITZERLAND.

Inventors :

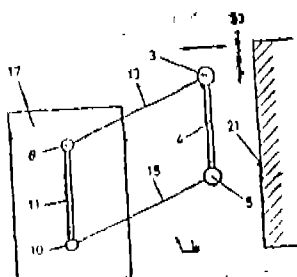
- (1) ALFRED HEER,
- (2) ALFRED DUBACH.

Application No. : 368/Cal/1994 filed on 17th May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

17 Claims

A device for a suspended arranging of an elongate article, comprising at least one clamping element which faces and is moveable against a wall member or resting surface (21) in order to hold the article clamped into the interstice (23) between the clamping jaw (1) and the said wall member (21) due to its dead weight, characterised in that, at least one clamping element comprises at least two elongate section (3, 5) parallel to the resting surface wall member or resting surface (21) arranged at a vertical distance from each other and at least one planar shaped resting area (4) in order to act upon one side of the article when clamping and arranging same suspended, and to urge the article against said wall member or resting surface and (21) at least one clamping element is arranged substantially pivotable relative to the side wall member or supporting members (11) and a base plate (17).



(Compl. Specn. : 25 pages;

Drgns. : 8 Sheets)

Cl. : 32 F

181537

Int. Cl. : C 08 F 2/34

B 01 J 12/02.

A METHOD OF POLYMERISING AND COPOLYMERISING OLEFINS IN A FLUIDISED BED REACTOR.

Applicant : BOREALIS POLYMERS OY OF PL 330,06101 POORVOO, FINLAND.

Inventors :

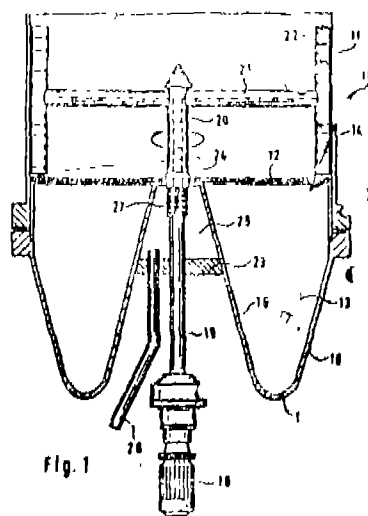
- (1) HENRIK ANDTSJO,
- (2) JOUNI TAKAKARHU,
- (3) KARI SARANTILA,
- (4) JUKKA KOSKINEN

Application No. : 803/Cal/1994 filed on 3rd October, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

4 Claims

A method of polymerizing and copolymerizing olefins in a fluidized-bed polymerization reactor in which olefin monomers are polymerized in a fluidized bed formed by polymerizing particles containing the polymerization catalyst, said fluidized bed being maintained in fluidized state by introducing to the reactor (10) at least one gas flow containing polymerizable monomers and optionally hydrogen, inert gases or a diluent gas, and said fluidized bed being stirred by virtue of at least one agitator means (21, 22) which is attached to an essentially vertical drive shaft (19, 20) and is suited for stirring a fluidized bed, characterised in that at least a portion of the gas flow introduced to the reactor (10) is passed to the reactor via at least one flow channel provided to the interior of said shaft (20) and said agitator means (21, 22).



(Compl. Specn. : 9 pages;

Drgn. : 1 sheet)

Cl. : 32 F 2b

181538

Int. Cl. : C 07 D 473/00.

A METHOD OF PREPARING PURINE DERIVATIVE.
Applicant : EURO-CELTIQUE S. A., OF 122 BOULEVARD DE LA PETRUSSE, LUXEMBOURG.

Inventors :

- (1) DAVID CAVALLA,
- (2) PETER HOFER,
- (3) ANDRE GEHRIG,
- (4) PETER WINTERGEST.

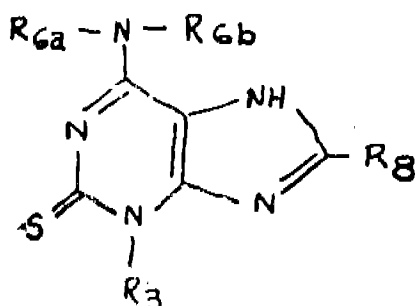
Application No. : 1506/Cal/1995 filed on 23rd November, 1995.

(Divided out of No. 514/Cal/1994 antedated to 30-06-1994).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

15 Claims

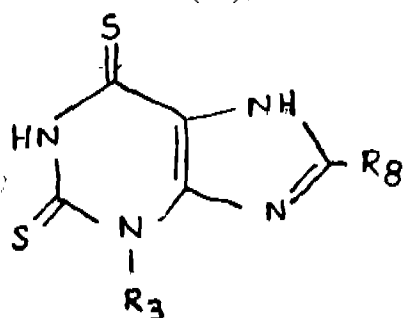
I. A method of preparing purine derivative of formula II.



wherein

R^3 , R_{6a} and R_{6b} are the same or different and each represent H or a C_{1-8} alkyl which is unbranched or branched and unsubstituted or substituted with OH, alkoxy, halogen, $=NOH$, $=NOCONH_2$, or $=O$; C_{3-8} cycloalkyl which is unsubstituted or substituted with OH, alkoxy, halogen, $=NOH$, $=NOCONH_2$, or $=O$; C_{4-8} cycloalkylalkyl wherein the cycloalkyl portion is unsubstituted or substituted with OH, alkoxy, halogen, $=NOH$, $=NOCONH_2$, or $=O$; aryl which is unsubstituted or substituted with halogen, NH_2 , alkylamino, dialkylamino, optionally substituted carbamyl, OH, C_{1-6} alkoxy, C_3-C_8 cycloalkoxy, $C=NOH$, $C=NOCONH_2$, C_1-C_8 alkyl, phenyl or benzyl; aralkyl (C_{1-4}), heterocyclyl; heterocyclylalkyl (C_{1-4}); heteroaralkyl; and heteroaralkyl (C_{1-4});

R_{6b} represents a H or R_{6a} , or together R_{6b} , N, and R_{6a} make a C_3-C_8 ring containing from one to three nitrogen atoms, from zero to two oxygen atoms, from zero to two sulfur atoms, alkoxy, CO_2H , $CONH_2$, $=NOH$, $=NOCONH_2$, $=O$; and where aryl is phenyl or naphthyl, the heterocyclyl is a 5, 6 or 7 membered ring including from one to three nitrogen atoms, and from zero to two oxygen atoms, and can be substituted as in aryl on the carbons or nitrogens of that ring; or a pharmaceutically acceptable salt thereof comprising reacting the corresponding 2, 6-dithio-xanthine derivatives of formula (III);



wherein R_3 and R_8 are herein before described with an amine $R_{6a}R_{6b}NH$ at a temperature of 0 to $100^\circ C$, in the presence of a solvent selected from the group consisting of water, alcohol, hydrocarbons and halogenated hydrocarbons, wherein R_{6a} and R_{6b} are herein before described.

(Compl. Specn. : 59 pages

Drgn. : 1 sheet)

Ind. Cl. : 58 D

181539

Int. Cl. : A 47 K 23/02

"A PROCESS AND APPARATUS FOR FABRICATING HONEYCOMB STRUCTURE SUITABLE FOR USE AS A WINDOW COVERING".

Applicant : HUNTER DOUGLAS INTERNATIONAL N.V., OF KAYA FLAMBOYAN 22, WILLEMSTAD, CURACAO NETHERLANDS ANTILLES.

Inventor : WILLIAM VELTE GOODHUE.

Application No. : 1598/Cal/1995 filed on 7th December, 1995.

(Divided out of No. : 644/Cal/91 antedated to 30-08-91).

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

20 Claims

A process for fabricating a honeycomb structure suitable for use as a window covering, comprising the steps of :

feeding at least first and second webs of flexible sheet material in a downstream direction;

feeding between the first and second webs a plurality of spaced apart strips of flexible sheet material;

applying lines of adhesive to the webs or the strips;

bringing the first and second webs and strips into just a position;

applying pressure or heat to cause the adhesive lines to adhere the individual strips to both the first and second webs; and

collecting the structure resulting from the step of applying pressure or heat.

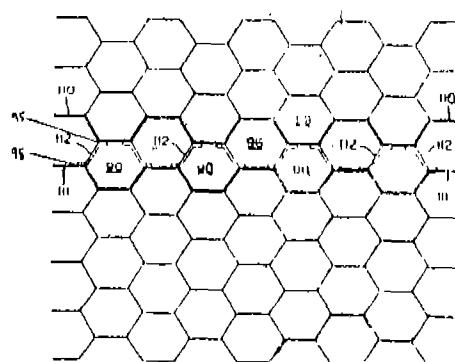


FIG.10

(Compl. Specn. : 29 pages;

Drgns. : 6 sheets)

Ind. Cl. : 55 E 2, 32 F 2a

181540

Int. Cl. : A 61 K 31/205, C 07 C 73/14

"A METHOD OF PREPARING THE ENANTIOMERS OF O-DEMETHYL-TRAMADOL".

Applicant : GRUNENTHAL GMBH, OF STABSTELLE PATENTE, ZIEGLERSTRASSE 6, D-52078 AACHEN, GERMANY.

Inventors :

1. DR. HELMUT BUSCHMANN
2. PROF. DR. WERNER WINTER
3. DR. IVARS GRAUDUMS
4. PETER JANSEN
5. PROF. DR. WOLFGANG WERNER ALFRED STRASSBURGER

Application No. : 46/Cal/1997 filed on 9th January, 1997.

(Convention No. : 19601744.0 on 19-1-96 in Germany).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office Calcutta.

4 Claims

A method of preparing the enantiomer os D-demethyltramadol, characterised in that a racemic tramadol salt is converted into the base, the (-)-tramadol enantiomer is separated from the racemic free base solution by precipitation with L-(+)-tartaric acid which is used in the presence of an organic solvent such as herein described and after releasing the base is converted into the (-)-enantiomer of O-demethyl tramadol with diisobutylaluminium hydride, and the (+)-enantiomer of O-demethyl tramadol is prepared from the mother liquor from tartaric acid precipitation by releasing the tramadol base and reaction with diisobutylaluminium hydride optionally before the reaction with diisobutylaluminium hydride, the corresponding enantiomer of the tramadol base is converted into a salt different from tartrate, preferably into the hydrochloride, from which the base is subsequently released.

(Compl. Specn. : 15 pages;

Drugs. : Nil)

Ind. Cl. : 40 B

181541

Int. Cl.¹ : B 01 J 23/40, 37/00

A PROCESS FOR PREPARING A CATALYST CONTAINING A GROUP VIII METAL AND A GROUP IIIA METAL.

Applicant : INSTITUT FRANCAIS DU PETROLE, A FRENCH BODY CORPORATE, OF 4 AVENUE DE BOIS PREAU 92502 RUEIL MALMAISON, FRANCE.

Inventors :

1. SARRAZIN PATRICK
2. BOITIAUX JEAN PAUL

Application No. : 218/Mas/1993 filed on 29th March, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

10 Claims

A process for preparing a catalyst incorporating at least one group VIII metal and at least one group IIIA metal chosen from among gallium and indium, said process comprising the steps of :

(a) impregnation of the support with a solution of a group IIIA compound, the metal concentration of the group IIIA compound being chosen in such a way that the group IIIA metal quantity fixed is between 0.01 and 10% by weight,

(b) impregnation of the product obtained with a solution of a group VIII compound, the metal concentration being chosen in such a way that the quantity of group VIII metal fixed is between 0.01 and 10% by weight,

(c) calcination of the product obtained at between 110 and 600°C.

(Compl. Specn. : 18 pages;

Drwg. : Nil)

Ind. Cl. : 139 A

181542

Int. Cl.¹ : C 09 C 1/48

"DECOMPOSITION REACTOR AND A METHOD FOR PRODUCING CARBON BLACK".

Applicant : KVAERNER ENGINEERING A.S., A NORWEGIAN COMPANY, OF PROF. KOHTSVEI 5, N-1324 LYSAKER NORWAY.

Inventors :

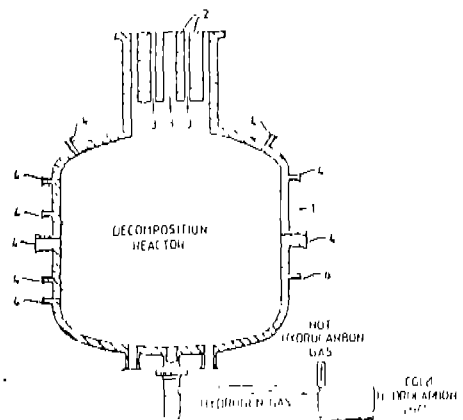
1. STEINAR LYNUM
2. KETIL HOX
3. NILS MYKLEBUST

Application No. : 238/Mas/93 filed on 2nd April, 1993.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

8 Claims

A decomposition reactor for installation with a thermal decomposition chamber such as a plasma torch (2) for decomposing hydrocarbons to produce carbon black with defined physical properties, the said decomposition reactor (1) comprising an insulated reactor chamber provided with inlet means for supply of gases from the said thermal decomposition chamber, the walls of the said reactor being provided with supply channels (4) for introducing hydrocarbon gases, the said supply channels (4) having a plurality of entry points to the reactor, and temperature control means for regulating the temperature of the incoming gases to 1000°C to 2000°C at the upper region of the reactor and to temperatures below 1000° at entry points further down.



(Com. : 12 pages;

Drwgs. : 1 sheet)

Ind. Cl. : 24 B

181543

Int. Cl.¹ : F 16 D 65/00

"PAD ASSEMBLY FOR A DISC BRAKE".

Applicant : LUCAS INDUSTRIES PUBLIC LIMITED COMPANY OF BRUETON HOUSE, NEW ROAD, SOLIHULL, WEST MIDLANDS, B 91 3TX ENGLAND, A BRITISH COMPANY.

Inventor :

1. ANTHONY JOHN WILLIAMS

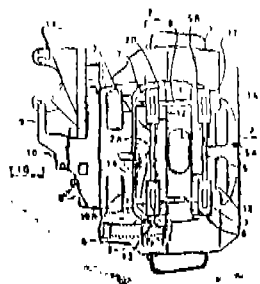
Application No. : 244/Mas/93 filed on 6th April, 1993.

(Convention date : 10-04-1992; No. 9207985.4; United Kingdom).

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Chennai Branch.

12 Claims

A disc Brake component in the form of a friction pad assembly or a force distribution member for such assembly comprising a rigid plate (2A, 5A) an elongate spring device (12), and an abutment (14) on the component engaging a first surface of the spring device, portions of the spring device extending respectively to either side of the abutment along the component and having surfaces (16A, 16B) opposed to the first surface engaging respective facing surface parts of the component, the spring device being retained on the component in a normally inseparable manner, prior to installation of the component in a brake, by co-action with the abutment and component surface parts.



(Com. : 13 pages;

Drawgs. : 2 sheets)

Ind. Cl. : 13 A

181544

Int. Cl.¹ : A 47 L 9/10; 9/14.

DUST FILTER BAG FOR A VACUUM CLEANER.

Applicant : VORWERK & CO., INTERHOLDING GmbH., OF MUHLENWEG 17—37, D 5600 WUPPERTAL 2, GERMANY, A GERMAN COMPANY.

Inventors :

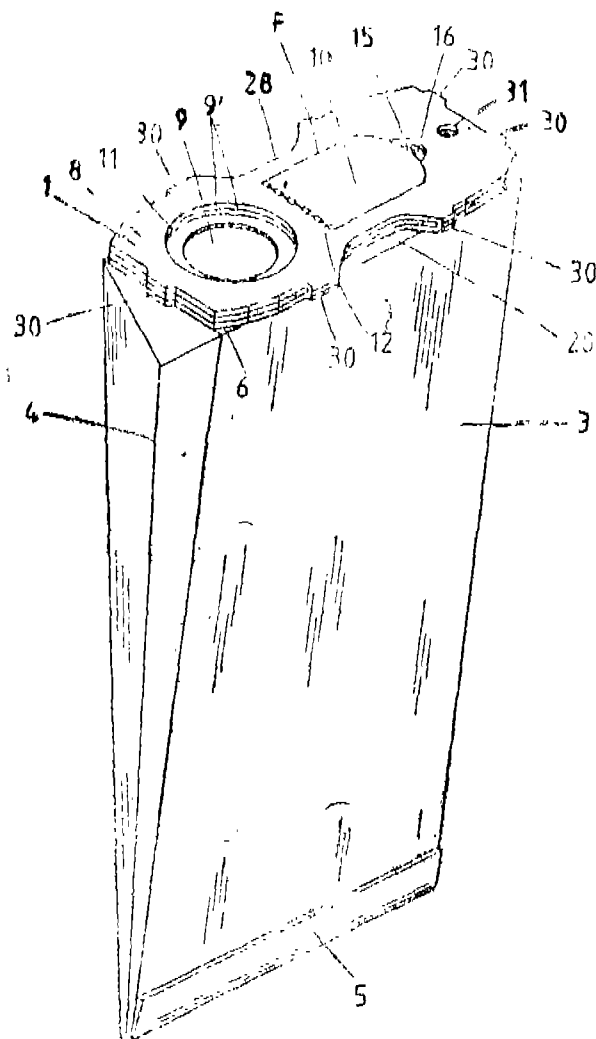
1. DR. RALF SAUER., GERMANY.
2. STEFAN KRAUT-REINKOBER., GERMANY.
3. LUDGER HELMES., GERMANY.
4. WERNER HOYER., GERMANY.

Application No. 248/MAS/93 filed on 6th April 1993.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A dust filter bag for a vacuum cleaner, having a mounting plate (1) consisting of cardboard plus paper material and an opening (9) closed by a seal for a suction hose of a vacuum cleaner, the opening (9) being arranged to be sealed from the outside using a separate sealing flap (10) which has an insertable region, characterized in that the cardboard plus paper material in the region of the opening (9) is in three-ply form (layers a, b, and c) and in the remaining region of the mounting plate is in at least two-ply form, a rubber ring seal (1) being gripped between two layers, the second and third layers (b, c).



(Com. 18 pages;

Drawgs. 13 Sheets).

Ind. Cl. : 50 C

181545

Int. Cl.¹ : F 25 C 1/00.

AN IMPROVED APPARATUS AND METHOD FOR MAKING ICE.

Applicant : RAJAGOPAL RAMESH AND RAMESH JYOTHSNA NO. 8, 4TH CROSS STREET, ORMES ROAD, KILPAUK, MADRAS 600 010, BOTH INDIAN CITIZENS.

Inventor : RAJAGOPAL RAMESH, RAMESH JYOTHSNA, BOTH INDIA.

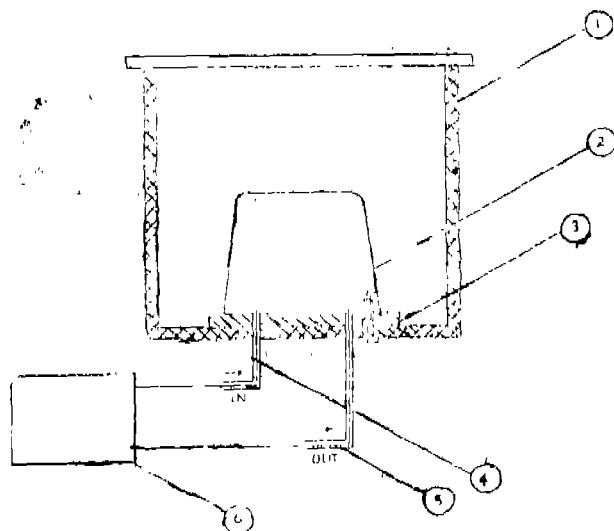
Application No. 271/MAS/93 filed on 22nd April 1993.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

An improved apparatus for making ice comprising at least one thermally insulated receptacle for the water to be frozen characterised in that the receptacle is provided with at least one heat exchanger plate with a tapered external profile fixedly mounted on the walls of the said receptacle, points of contact of the said heat exchanger plates with walls of

the receptacle being thermally insulated, means for regulated supply of refrigerant to the said heat exchanger plates, the said receptacle being provided with means for supplying water thereto and means for removing the ice formed therefrom.



(Com. 16 Pages;

Drwgs. 2 Sheets).

Ind. Cl. : 172-E

181546

Int. Cl.⁴ : B 65 H 54/00.

AN APPARATUS FOR WINDING UP A YARN ON AN UNDERWINDING ZONE OF A SPINDLE.

Applicant : MASCHINENFABRIK RIETER AG A SWISS BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND OF CH-8406 WINTERTHUR SWITZERLAND.

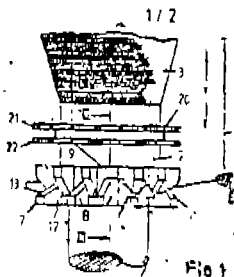
Inventors : 1. WOLF HORST, 2. WELTI PAUL.

Application No. 272/MAS/93 filed on 22nd April 1993.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

An apparatus for winding up a yarn (4) in an underwinding zone of a spindle (1) with profilings in a spinning position, especially in a ring spinning machine, characterised in that the profilings form a plurality of edges (13) on engaging teeth (8, 9) situated on an upper crown (14) with teeth (8) and a bottom crown (15) with teeth (9).



(Com. 12 Pages;

Drwgs. 2 Sheets).

Ind. Cl. : 50 C

181547

Int. Cl.⁴ : F 25 C 1/00

AN IMPROVED APPARATUS AND METHOD FOR MAKING ICE.

Applicant : RAJAGOPAL RAMESH AND RAMESH JYOTHSNA OF NO. 8, 4TH CROSS STREET, ORMES ROAD, KILPAUK, MADRAS-600 010. BOTH INDIAN CITIZENS.

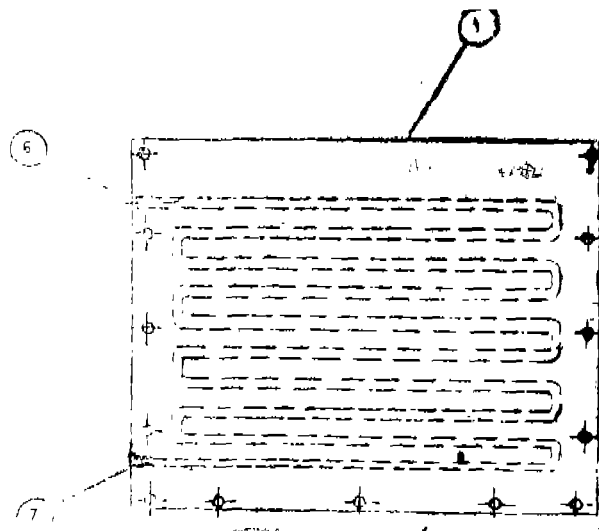
Inventors : 1. RAJAGOPAL RAMESH, 2. RAMESH JYOTHSNA.

Application No. 289/MAS/93 filed on 27th April, 1993.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

14 Claims

An improved apparatus for making ice comprising a thermally insulated housing, having fixedly mounted thereon characterised in that at least one heat exchanger plate connected to a regulated source of supply of refrigerant, the said heat exchanger plates being rectangular in shape having its base and two vertical sides thermally insulated, the thermal insulation provided on the vertical sides is inclined to give a taper to the said heat exchanger, each heat exchanger being provided with a passage for the flow of refrigerant therethrough, such that, the top surface of the heat exchanger plate is spaced away and distanced from the said passage, the said housing having inlet and outlet means for supplying water to be frozen and for removing ice formed therefrom.



(Com. 13 Pages;

Drwgs. 3 Sheets).

Ind. Cl. : 129-G

181548

Int. Cl.⁴ : B 25 G 3/20.

CLAMPING ARRANGEMENT FOR CONNECTING TOOL HEAD AND TOOL HOLDER IN MACHINE TOOLS.

Applicant : KRUPP WIDIA GmbH MUNCHENER STRASSE 90, D4300 ESSEN 1, WEST GERMANY, AN ORGANISATION DULY CONSTITUTED AND EXISTING UNDER THE LAWS OF WEST GERMANY.

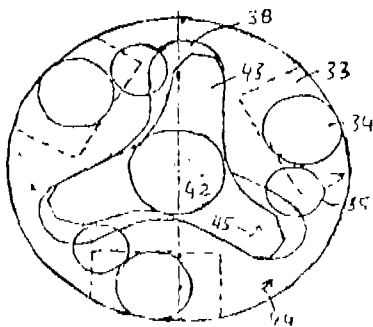
Inventors : 1. RAINER VON HAAS 2. WILLI JESTER.

Application No. 303/MAS/93 filed on 5th May, 1993.

Appropriate office for the opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

Clamping arrangement for connecting tool head (11) and tool holder (10) in machine tools having an exchangeable tool head (11), provided with a cylindrical of at least partially tapered seating bore (15) interacting with a corresponding tang (13), whereby the tool holder (10) and the tool head (11) are clamped by a clamping shaft (17) rotatable around its longitudinal axis (46), characterised in that the clamping shaft (17) in the clamped condition is blocked by a direction-commuted coupling (31 to 38) (as backward movement suppressor) in the rotary direction necessary for loosening, and in that the coupling (31 to 38) are unlocked/freed by loosening the tool head (11) from the clamped state by means of a movable machine element (39).



(Com. 15 Pages;

Drwgs. 6 Sheets).

Ind. Cl. : 129 P, 129-G

181549

Int. Cl. : B 23 B 27/14

AN INSERT FOR MACHINING OPERATIONS.

Applicant : KRUPP WIDIA GmbH, MUNCHENER STRASSE, 90, D4300 ESSEN 1, WEST GERMANY, AN ORGANISATION DULY CONSTITUTED AND EXISTING UNDER THE LAWS OF WEST GERMANY.

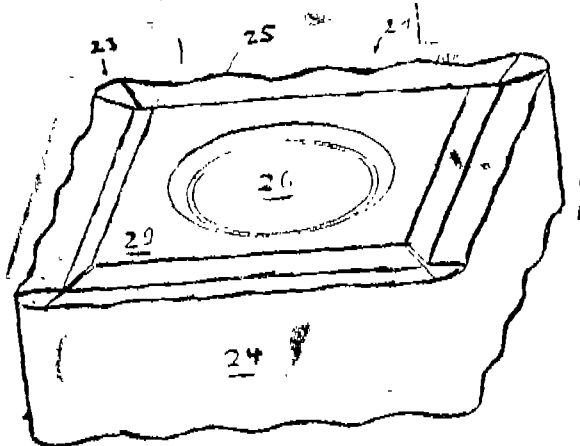
Inventors : 1. DR. WOLFGANG HINTZE, 2. DIETER RUPETTA.

Application No. : 331/MAS/93 filed on 14th May, 1993.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

An insert for machining operations, having edgeless faces (21, 22) and wavy in the direction of the edge (25) characterised in that the bordering flank (24) is wavelike whereby the wave crest cogs, perpendicular to the cutting edge (25) and parallel to each other are tangential to the plane (27) that runs through the joints corner points (23) and is perpendicular to the plane formed by all the cutting edges (23).



(Com. 19 Pages;

Drwgs. 8 Sheets).

Ind. Cl. : 6 B 1 & 6 B 2

181550

Int. Cl. : G 01 M 3/00

A DEVICE FOR CHECKING LEAKAGE OF GAS FROM PRESSURE VESSELS.

Applicant : LPG EQUIPMENT RESEARCH CENTRE., OPPOSITE INDIAN OIL LPG BOTTLING PLANT, WHITEFIELD ROAD, DOORVANINAGAR POST, BANGALORE-560 016, KARNATAKA STATE, INDIA AN INDIAN ORGANISATION

Inventors :

(1) SHIVAKUMAR SILANKAR.

(2) DHARMENDRA TIWARI.

(3) RANGARAO SRINIVASA MURTHY VENKATESHA MURTHY.

Application No. 333/Mas/93 filed on 17th May, 1993.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

17 Claims

A device for checking leakage of gas from pressure vessels, more particularly for checking leakage of gas from the valve and/or 'O' ring in an LPG cylinder comprising a main body (4) having coaxially housed therein an inner body (16), said inner body being provided with a piston assembly (6) connected to a piston rod (2) and an operating handle (1), the top and bottom ends of both the inner housing and the outer body being provided with respective closure members thereby forming an annular space (26) between the inner wall of the outer body and the outer wall of the inner body, the top closure (3) being provided with passage (3b) for the said piston rod, the bottom closure (7) being provided with a first passage (22) from the bottom end to the top end of the said closure for passage of gas and a second passage (21) from the top end to the bottom end of the closure for passage of air from within the said inner body, the said bottom closure being provided with a stub member (9) secured to the bottom surface of the bottom member by means of a collar (10), an outer housing (8) provided surrounding the said collar and a part of the bottom closure and wherein the said first passage and the said second passage in the bottom closure are provided with corresponding first (23) and second passages (24) in the said stub member in continuity of the said first two passages, and wherein the top end of the said first passage in the bottom closure is provided with a gas escape tubular extension (5) within the said annular space.

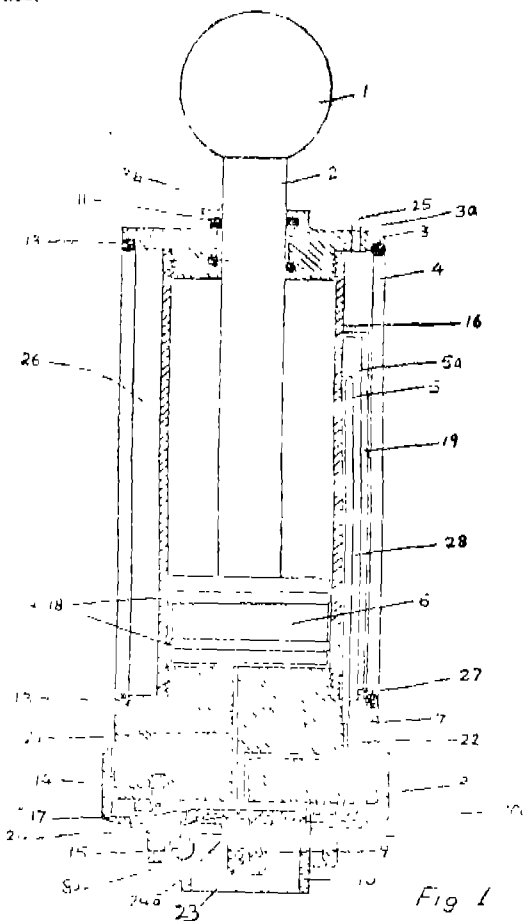


Fig 1

(Com. : 15 Pages;

Drwgs. : 3 Sheets)

Ind. Cl. : 2 B 2. B 1

181551

Int. Cl.⁴ : A 47 F 1 00; 5, 00

A DEVICE FOR HOUSING AND DISPLAYING A PLURALITY OF FIRST ITEMS AND A PLURALITY OF SECOND ITEMS.

Applicant : WM. WRIGLEY JR. COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, USA, OF 410 NORTH MICHIGAN AVENUE, CHICAGO, ILLINOIS 60611, USA.

Inventors :

- (1) JAMES DURISH.
- (2) STEVEN BERKHEIMER.

Application No. 363/Mas/93 filed 25th May 1993.

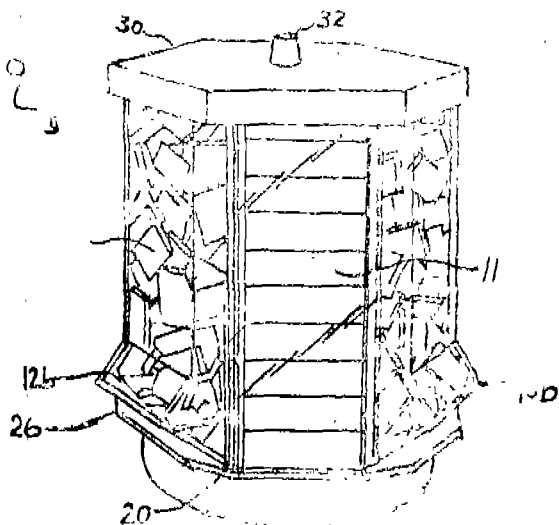
Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

A device for housing and displaying plurality of first items and a plurality of second items, the first and second items having a different shape comprising;

a plurality of sidewalls defining a body having an interior, each sidewall having an opening near its base for dispensing at least one of the first items or the second items; and

a plurality of walls within the interior defining at least two distinct areas within the body for separately housing the plurality of first items and plurality of second items, the areas terminating at openings in the sidewalls.



(Com. : 16 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 37 B

181552

Int. Cl.⁴ : B 01 D 45/16

AN APPARATUS FOR SEPARATING LIQUID CONTAINED IN A LIQUID GAS MIXTURE.

Applicant : MERPRO AZGAZ LIMITED, BRENT AVENUE, FORTIES ROAD INDUSTRIAL ESTATE, MONTROSE, ANGUS, SCOTLAND DD 10 9JA, UNITED KINGDOM, A COMPANY ORGANISED UNDER THE LAWS OF UNITED KINGDOM.

Inventor : (1) ENVER A. ABDULAYEV.

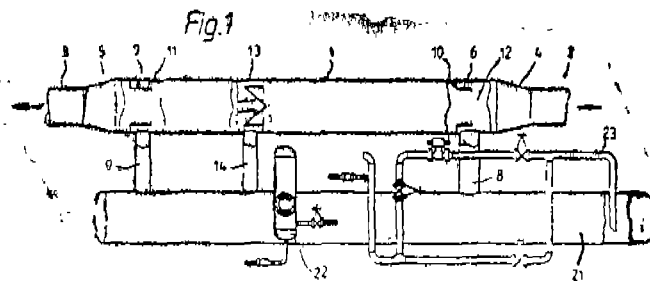
Application No. 371/Mas/93 filed on 31st May, 1993.

Convention dated : 2nd June, 1992; No. 92116631 United Kingdom.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

An apparatus for separating liquid contained in a liquid gas mixture comprising a pipe section (1) having an inlet connectable to an upstream part (2) of a liquid/gas supply pipe and an outlet, connectable to a downstream part (3) of the supply pipe; the pipe section containing at least two drains, a first drain (8) for draining liquid which has undergone preliminary separation; a plurality of fixed vanes (15, 16) downstream of the first drain arranged, to swirl the liquid/gas mixture to cause further separation; and a second drain (9) downstream of the vanes to separate the liquid which has undergone the further separation; wherein, the gas which is free of liquid leaves separator through the outlet.



(Comp. Specn. : 10 Pages;

Drwg. : 5 Sheets)

Ind. Cl. : D 4 F

181553

Int. Cl.⁴ : F 16 D 55/00

AN ACTUATING DEVICE WITH AUTOMATIC RE-ADJUSTMENT ON DISC BRAKES ESPECIALLY FOR TRUCKS AND BUSES.

Applicant : LUCAS INDUSTRIES PUBLIC LIMITED COMPANY, A BRITISH COMPANY, OF BRUETON HOUSE, NEW ROAD, SHOLTHULL, WEST-MIDLANDS, B91 3TX, ENGLAND.

Inventor :

- (1) WILFRIED GIERING.
 - (2) FRANZ-HELMUT HOLL.
- BOTH ARE GERMAN NATIONAL.

Application No. 419/Mas/93 filed on 18th June, 1993.

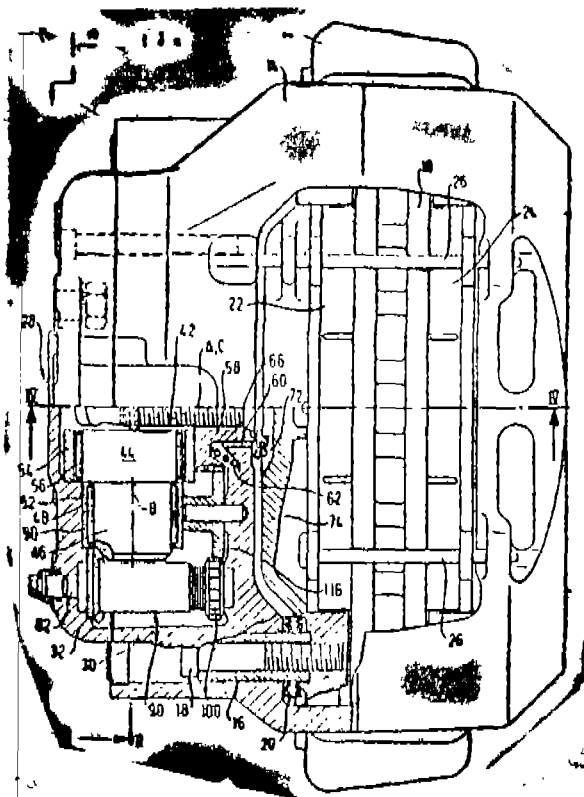
Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

An actuating device with automatic readjustment on disc brakes, especially for trucks and buses, comprising

- a casing (30) which is disposed axially beside a brake disc (10) in built-in position,
- a first threaded member (58) which is supported in the casing (30) for rotation about a screw axis (C; C'; C'') in parallel with the axis (A) of the brake disc (10),
- a second threaded member (66) which is fixed against rotation and connected to the first threaded member (58) by a readjustment thread pair (68) so that the two threaded members (58, 66) together form a longitudinally adjustable tappet for exerting an actuating force on a brake pad (22),
- a rotary member (42) which is rotatable about an axis of rotation (b) of its own for axially displacing the tappet by means of an actuator member (38), and

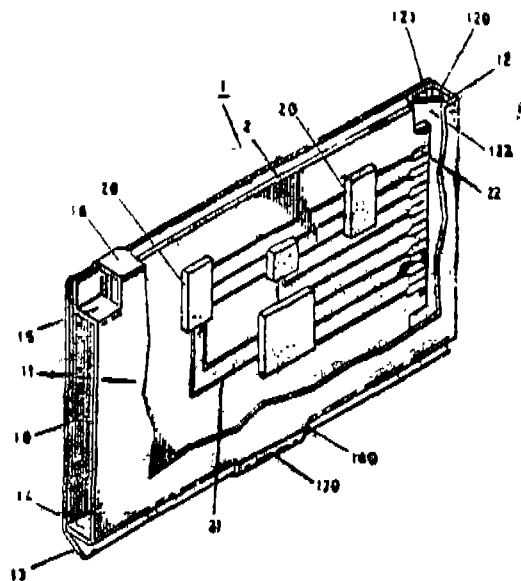
- a gear connection between the rotary member (42) and the first threaded member (58), comprising a coupling arrangement (90) which transmits a limited torque for readjustment of the brake pad mentioned, characterized in that
- the axis of rotation (B) of the rotary member (42) is disposed at least approximately parallel to the brake disc (10), and
- the gear connection between the rotary member (42) and the first threaded member (58) comprises an angular drive.



(Com. : 16 Pages;

Drwgs. : 8 Sheets)

section from an adjacent side member for positioning the top section parallel to the adjacent side member for positioning the top section parallel to the adjacent side member with the one side section positioned across the open end and retain the circuit board within the carton by rotation of the other side section thereabout and a closed end opposite the open end with one side member formed with a center tab and the other side member formed with three panels opposite the center tab wherein a first panel is formed at right angle with respect to both side members with a middle panel inserted into the carton and positioned parallel and adjacent the one side member and wherein a third panel having width greater than the other panels being formed at an acute angle with respect to the middle panel to extend into the space between the side members and wherein a center slot is formed in a perforated line separating the first panel from the middle panel to receive the center tab with the third panel positioned to engage and position a circuit board inserted into the carton and thereby prevent movement thereof.



(Com. : 11 Pages;

Drwgs. : 3 Sheets)

Ind. Cl. : 23 G & 13 C

181554

Int. Cl. : B 65 D 05/50

A CIRCUIT BOARD SHIPPING CARTON.

Applicant : AT & T CORP., OF 32 AVENUE, OF THE AMERICAS, NEW YORK 10013, U.S.A., A US CORPORATION.

Inventors :

(1) ROGER LEE.

Application No. 432/Mas/93 filed 23rd June, 1993.

Convention dated 21st July 1992; No. 20446/92; Australia.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A circuit board shipping carton comprising a pair of parallel side members separated by top and bottom members for receiving a circuit board characterised in that segment across the top and extending down the side members to have three sections with a top and one side section adjacent the top section having identical widths and with the other side section width and formed with a crease line separating the other side

Ind. Cl. : 172 D 4

181555

Int. Cl. : D 02 H 1/02

"A SPINNING MACHINE OR DOUBLING FRAME WITH A LARGER NUMBER OF SPINNING POSITIONS."

Applicant : MASCHINENFABRIK RIETER AG A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406, WINTERTHUR, SWITZERLAND.

Inventors :

(1) LATTION ANDRE.

Application No. 433/Mas/93 filed on 24th June, 1993.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A spinning machine or doubling frame with a larger number of spinning positions (10) located adjacent to one another and with a yarn guiding rail (15) extending alongside the spinning positions (10), characterized in that the yarn guiding rail is provided with at least one parting plane (13) disposed

parallel to a row of spinning positions (10), and in that a part of the yarn guiding rail (15) comprises recesses (144) disposed at distances over its length, and that the other part with projections (162) engages in the recesses (144).

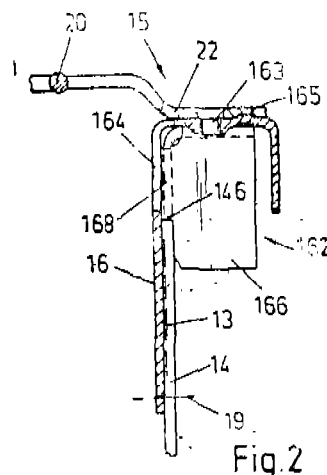


Fig. 2

(Com. : 9 Pages;

Drwgs. : 1 Sheet)

Ind. Cl. : 136 E

181556

Int. Cl.⁴ : B 29 C 47/12**EXTRUSION DIE ASSEMBLY.**

Applicant : SOCIETE DES PRODUITS NESTLE S. A., A SWISS BODY CORPORATE OF VEVEY SWITZERLAND.

Inventor :

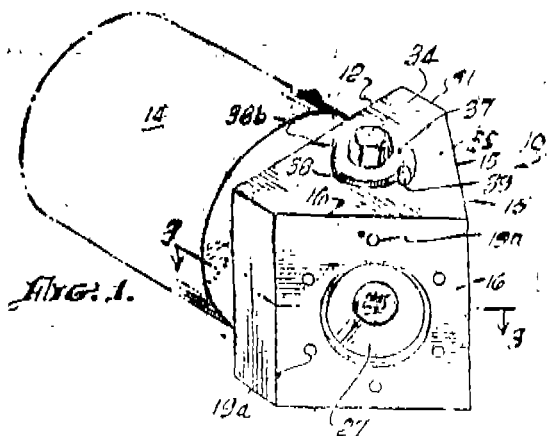
(1) ROGER D. JOHNSON.

Application No. 447/Mas/93 filed on 29th June, 1993.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A multi-faced extrusion die assembly comprising a block having a planar back face securable to the discharge end of an extruder, a plurality of die faces remote from said back face on opposing sides of the axial centerline of the block, a die plate having at least one die orifice extending there-through mounted on each die face, said block having an inlet duct in the planar back face to receive thermoplastic material discharged from the extruder, and a plurality of axially diverging outlet ducts, each outlet duct being in communication with said inlet duct and a die orifice in one of the die faces, and diversion valve means rotatably mounted in the block at the convergence of the inlet duct and the outlet ducts, said valve means having an angled passage extending there-through, the diversion valve means being rotatable such that the inlet duct is connectable to any one of the outlet ducts through the angled passage.



(Com. : 15 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 56 A

181557

Int. Cl.⁴ : B 01 D 3/32**MASS TRANSFER ELEMENT.**

Applicant : NORTON CHEMICAL PROCESS PRODUCTS CORPORATION, 3855, FISHCREEK ROAD, STOW, OHIO 44224, U.S.A. US COMPANY.

Inventors :

(1) HASSAN S. NIKNAFS.

(2) HENRY G. LEX, JR.

Application No. 456/Mas/93 filed on 6th July, 1993.

Appropriate Office for Oppositions Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

7 Claims

A mass transfer element having tubular structure in which the tube wall has been inwardly deformed at opposed ends of mutually perpendicular diameters to provide a cross-section with four external lobes.

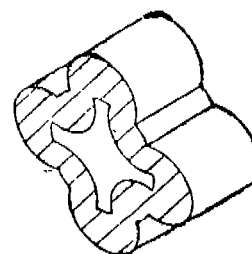


FIG. 1

(Com. : 11 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 172 D 3

181558

Int. Cl.⁴ : D 01 H 7/04.**A SPINDLE FOR A RING SPINNING OR RING TWISTING MACHINE.**

Applicant : MASCHINENFABRIK RIETER AG., A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406, WINTERTHUR, SWITZERLAND.

Inventors :

1. DR. STALDER HERBERT.

2. SIMMLER URS.

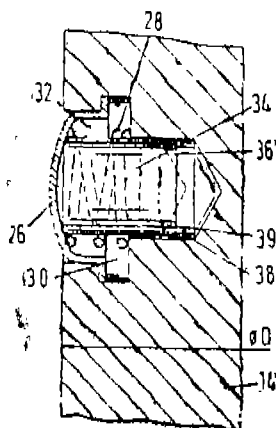
Application No. 458/Mas/93 filed on 6th July 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A spindle (10) for a ring spinning or ring twisting machine which carries a tube (12) during the spinning process, with a tube coupler (24) in the spindle shaft (14) of the spindle (10), with the tube coupler consisting of an elastically deformable body (28) which is radially displaceable in the spindle shaft (14), characterized in that an additional mass (34, 35, 36) is seated in the spindle shaft in addition to the

elastically deformable body (28), the said additional mass being positioned radially displaceable for it to come to rest directly or indirectly inwardly on the tube (12) under the influence of the centrifugal force when the spindle rotates.



(Com. 11 pages;

Drwgs. 2 sheets)

Ind. Cl. : 132 C, D (3).

181559

Int. Cl.⁴ : B 01 F 9/00, 3/00.

DISC SHAPED MIXING TOOL.

Applicant : PPV VERWALTUNGS AG, OF FROBELS-TRASSE 33 CH-8032 ZURICH, SWITZERLAND, A SWISS COMPANY.

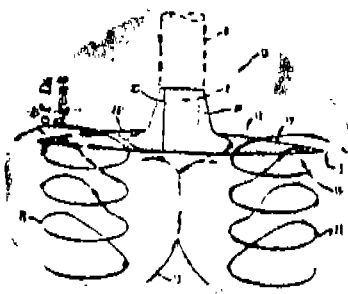
Inventor : GUNTER POSCHL.

Application No. 483/Mas/93 filed on 15th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A disc-shaped mixing tool (11) having an upper side (13) and a lower side (15), being rotatable around a central axis (Z) and having several axial through bores (17), with at least one of the two sides (13, 15) of the disc being convex, characterized in that the peripheral edge (19) of the disc is knife-sharp, and that each bore (17) is, conically bevelled at its upper side (13) and at its lower side (15), with airfoil profiles being formed between the bores (17) and the peripheral edge (19) in a radial direction and between adjacent bores (17) in a peripheral direction.



(Compl. Specn. 15 pages;

Drgns. 3 sheets)

Ind. Cl. : 172 C 9.

181560

Int. Cl.⁴ : D 01 D 5/42.

IMPROVED CUTTING MACHINE FOR CUTTING FIBRES, A METHOD OF PRODUCING CUT FIBRES THEREWITH AND CUT FIBRES PRODUCED THEREBY.

Applicant : THE SOUTH INDIA TEXTILE RESEARCH ASSOCIATION, A SOCIETY REGISTERED UNDER THE SOCIETIES REGISTRATION ACT, 1860, OF COIMBATORE AERODROME POST, COIMBATORE-641 014, TAMIL NADU & M/s. MILLTEX ENGINEERS (P) LTD., OF 8/57 SUNDARESA IYER LAYOUT, TRICHY ROAD, COIMBATORE-641 018, INDIA.

Inventors :

1. TARAKAD VEDAMURTHY RATNAM
2. INDRA DORAISWAMY
3. PERUMAL CHELLAMANI
4. ARAMVALARTHANATHAN KANTHIMATHINATHAN
5. ARUMUGAM SHANMUGHA SUNDARAM

Application No. 485/Mas/93 filed on 15th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

19 Claims

An improved cutting machine for cutting fibre comprising supply means for supplying fibre, transferring means for transferring the said fibre to delivery means for delivering the said fibre to a feed plate, cutting means consisting of at least of one fixed blade and one beater, means to prevent recycling of the fibre to the cutting means provided in close proximity with that said beater and collecting means for collecting the cut fibre.

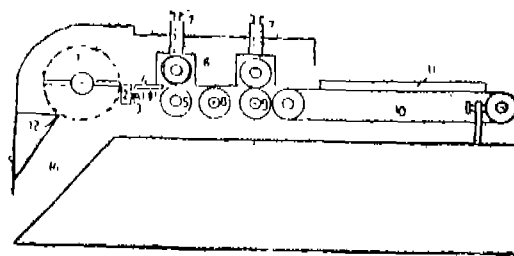


FIG. 1

(Com. 13 pages;

Drwgs. 01 sheet.)

Ind. Cl. : 40 B.

181561

Int. Cl.⁴ : C 08 F 4/42.

A PROCESS FOR THE PREPARATION OF SPHERICAL CATALYST COMPONENT FOR THE POLYMERIZATION OF OLEFINS.

Applicants : MONTELL TECHNOLOGY COMPANY BV, OF HOEKSTEEN 66, 2132 MS HOOFFDORP, THE NETHERLANDS, A DUTCH COMPANY.

Inventors :

1. MARIO SACCHETTI.
2. ILLARO CUFFIANI.

Application for Patent No. 721/Cal/93 filed on 24th Nov., 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

11 Claims

Process for the preparation of spherical catalyst component for the polymerisation of olefins $\text{CH}_2=\text{CHR}$, wherein R is hydrogen or hydrocarbon radical having 1—12 carbon atoms, comprising the reaction between :

- (a) a $\text{MgCl}_2 \cdot m\text{ROH}$ compound, wherein $0 \leq m \leq 0.5$ and R is an alkyl, cycloalkyl or aryl radical having 1 to 12 carbon atoms; said $\text{MgCl}_2 \cdot m\text{ROH}$ compound being the chemical dealcoholation product, optionally with Al alkyl compounds, of adducts $\text{MgCl}_2 \cdot p\text{ROH}$ (wherein $0.1 \leq p \leq 2$) which in turn is the thermal dealcoholation product of $\text{MgCl}_2 \cdot q\text{ROH}$ (wherein $2.5 \leq q \leq 3.5$);

ultrasonic nozzle, said at least one nozzle having a throughput of the liquid of from 2 g/l to 800 g/h and being mounted in a vertical inlet pipe such that the nozzle sprays downward from above the mixer, said nozzle further being connected to a feed device providing the liquid under pressure.

(Compl. Specn. 15 pages;

Drgs. Nil.)

Ind. Cl. : 203.

181564

Int. Cl. : B 65 H 18/08.

A METHOD AND APPARATUS FOR MANUFACTURING A WOUND WEB ROLL.

Applicants : BELOIT TECHNOLOGIES, INC., A CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF DELAWARE, U.S.A. OF SUITE 512, 300 DELAWARE AVENUE WILMINGTON, DELAWARE 19801, U.S.A.

Inventor : BRIAN CHARLES ADAMSKI.

Application for Patent No. 197/Cal/94 filed on 24th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

26 Claims

A method of manufacturing a wound web roll by reeling a travelling web comprising the steps of :

moving a reel spool (18) to an initial position (33);

rotatively supporting a reel spool (18) having a rotational axis (25) in an initial position (33);

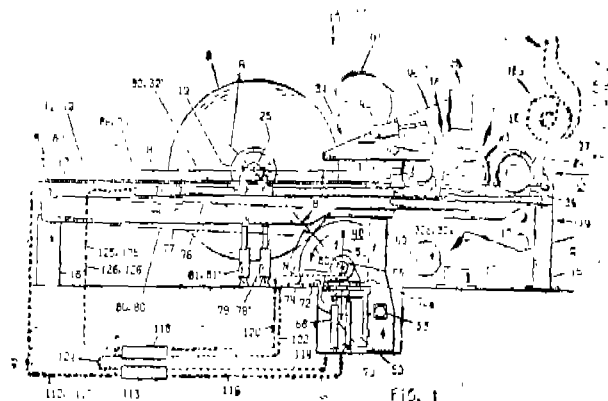
applying torque to the reel spool in its initial position to rotate and drive the reel spool (18);

engaging the reel spool in its initial position with a movable, rotatively driven support drum (48) along a nip pressure line of contact (N_1) therebetween;

bringing a travelling web (W) onto the reel spool in its initial position to commence winding the web into a wound web roll (8) thereon;

moving the web roll (8) being wound substantially horizontal from the initial position (33) to a winding position (41) while maintaining at rotatively supported (12) and in nipping engagement with the support drum (48);

Maintaining torque on the reel spool (18) and nip pressure (N_2) between the support drum (48) and the wound web roll (8) in the winding position (41) at desired levels until the wound web roll reaches a predetermined diameter.



(Compl. Specn. 53 pages;

Drgs. 7 sheets.)

Ind. Cl. : 42C.

181565

Int. Cl. : A 24 D 3/10, 3/14

STRUCTURES FORMED FROM CELLULOSE ACETATE.

Applicant : RHONE-POULENC RHODIA AKTIENGES-ELLSCHAFT, OF D-79013 FREIBURG, POSTFACH 1320, GERMANY.

Inventors :

1. EBERHARD TEUFEL.

2. ROLF WILLMUND.

Application No. 0385/Cal/1994 filed on 24th May 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office, Calcutta.

6 Claims

Structures, formed from cellulose acetate such as herein described, in which an additive is present, wherein the structures are in the form of filaments, staple fibers, films, foils, sheets or in the form of other objects obtained by injection molding, extruding or blow-molding, characterized in that the additive consists of a nitrogenous organic compound, upon the degradation of which by micro organisms basic decomposition products, in particular ammonia and/or basic compounds having a NH group or NH₂ groups and/or NH₂ group or NH₂ groups, are formed.

(Compl. Specn. 25 pages;

Drgs. Nil.)

Ind. Cl. : 40A2, 40F, 201A, D.

181566

Int. Cl. : C02F 1/28.

APPARATUS FOR METHOD FOR TREATING WATER WHICH CONTAINS CONTAMINANTS.

Applicant : WHEELABRATOR ENGINEERED SYSTEMS, INC., OF 1950 OLD HIGHWAY 8, NEW BRIGHTON, MINNESOTA 55112, U.S.A.

Inventors :

1. STEPHEN ALAN UBAN

2. RICHARD CHARLES MAXSON

3. RALPH WILLIAM HOLLIDAY

4. MARK EDWARD WATSON.

Application for Patent No. 409/Cal/1994 filed on 30 May, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

25 Claims

An apparatus for treating water which contains contaminants, such as herein described, the apparatus comprising :

A gas contactor vessel having an inlet for water to be treated and an outlet;

An ozone generator system adapted to inject ozone into water inside the vessel;

A solids separation system connected to the gas contactor vessel outlet to receive water from the vessel; and

a gas collector, upstream of the solids separation system operable to separate ozone from the water before the water enters the solids separation system.

(Compl. Specn. 24 pages;

Drgs. 1 sheet.)

Ind. Cl. : 40 F.

181567

Int. Cl.⁴ : B 01 J 19/20.**APPARATUS FOR PROCESSING POLYMERS AND
PROCESS FOR PREPARING THE SAME .**

Applicant : E.I.DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : JOHN MAURICE IWASYK.

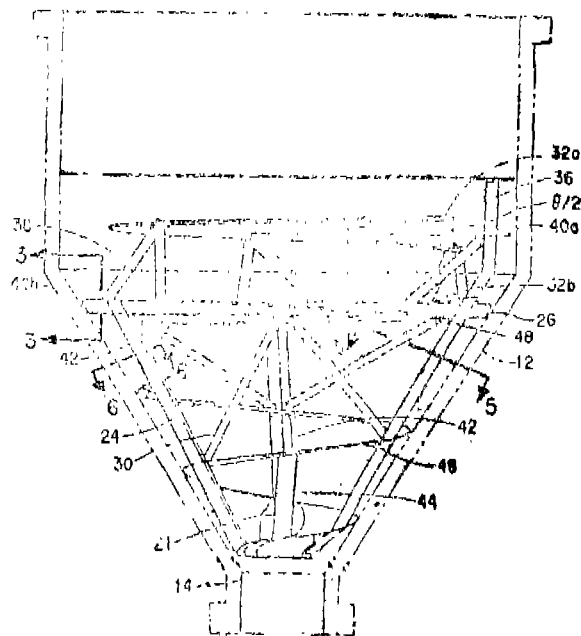
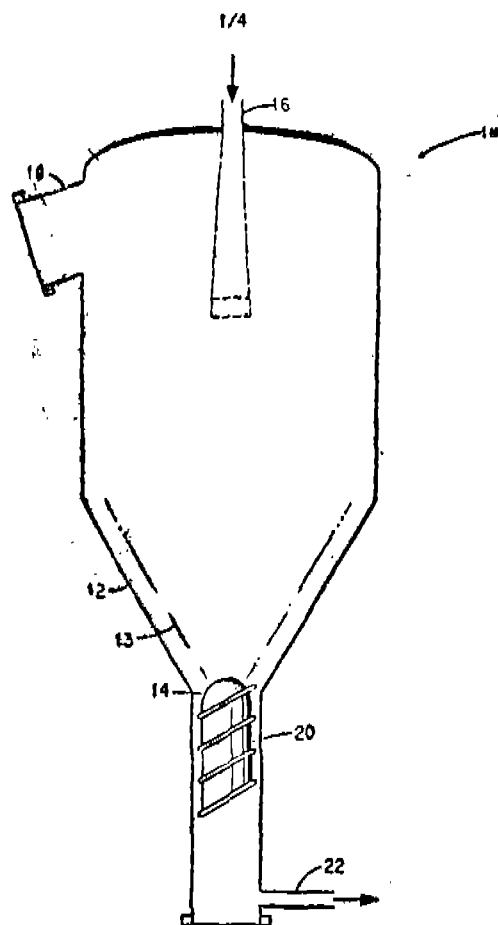
Application No. 448/Cal/94 filed on 14-6-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims

An apparatus for processing at least one linear polymer comprising :

- (a) an agitator section having an outlet adjacent the bottom thereof;
- (b) a transfer screw disposed adjacent the outlet of the agitator section;
- (c) a spiral ribbon extending upwardly from the transfer screw;
- (d) a ring disposed vertically above the spiral ribbon; and
- (e) at least one baffle disposed vertically above the spiral ribbon and connected to the ring.



(Compl. Specn 21 pages;

Drgns. 4 sheets.)

Ind. Cl. : 160 D

181568

Int. Cl.⁴ : B 60 B 1/00.**SPOKED VEHICLE WHEEL.**

Applicant : RAPHAEL SCHLANGER, A CITIZEN OF UNITED STATES OF AMERICA OF 128 HULDA HILL ROAD, WILTON, CONNECTICUT 06897, UNITED STATES OF AMERICA

Inventor : RAPHAEL SCHLANGER.

Application No. 824/Cal/94 filed on 10-10-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

38 Claims

A spoked vehicle wheel comprising an annular rim (12), a central hub (18), and a plurality of spokes (22) running between the rim and hub, characterised in that : each spoke has a width to thickness ratio of at least 2:1;

said spokes have spoke portions comprising an inside spoke portion (24) in fixed relationship to the hub and an outside spoke portion (26) in fixed relationship to the rim;

said spokes extend radially outwardly between the hub and the rim;

an encircling member (20, 92) is fixed to at least one of the inside and outside spoke portions and included with at least one of the annular rim and the central hub, said encircling member defining a continuous hollow annulus (32, 96);

fixing means (36, 76, 80, 86, 98) are provided adjacent said hollow annulus for fixing said spokes to said encircling member; and

adjusting means (36, 76) are connected with the spokes for adjusting the tension of the spokes.

(Compl. Specn. 23 pages;

Drgns. 6 sheets.)

Cl. : 206 B

181569

7 Claims

Int. Cl. : H 04 N 9/79

FREQUENCY FOLDING INFORMATION SEPARATING CIRCUIT.

Applicant : SAMSUNG ELECTRONICS CO, LTD., OF 416, MAETANDONG, KWONSUN-KU, SUWON, KYUNGGI-DO, REPUBLIC OF KOREA.

Inventor : YONG JE KIM.

Application No. 131/Cal/1996 filed on January 29th, 1996.

Divided out of No. 732/Cal/1991 ante-dated to 27th, September, 1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Calcutta.

3 Claims

A frequency folding information separating circuit in a video reproducing apparatus having a luminance reproducer (110) for reproducing a folded luminance signal from the video signal recorded by folding a high frequency video signal of a full bandwidth on a recording medium of a limited bandwidth, and a frequency unfolding circuit for generating a luminance signal of a full bandwidth by unfolding the folded high frequency video signal from the luminance reproducer into the original frequency band, said separating circuit comprising :

a position detector (120) having its input terminal connected to the output terminal of the luminance reproducer (110) for detecting the inserted position of the frequency folding information by the synchronous signals in the reproduced luminance signal, the output terminal of the luminance reproducer (110) being connected to a first output terminal (105) of the circuit; and

a frequency folding information separator (130) having a first input terminal connected to the output terminal of the luminance reproducer (110), a second input terminal connected to the output terminal of the position detector (120) and an output terminal connected to a second output terminal (115) of the circuit, said separator separating the frequency folding information inserted in the reproduced luminance signal by responding to the position detected by the position detector (120) and supplying the separated frequency folding information to the frequency unfolding circuit connected to the second output terminal (115) of the separating circuit.

(Compl. Specn. : 13 Pages;

Drgs. : 2 Sheets)

Cl. : 32 F 2(b).

181570

Int. Cl. : C 07 D 215/24.

PROCESS OF MAKING SUBSTITUTED 8-HYDROXY-QUINOLINES FROM SUBSTITUTED 8-CHLOROQUINOLINES.

Applicant : AMERICAN CYANAMID COMPANY, OF FIVE GIRALDA FARMS, MADISON, NEW JERSEY 07940 0874, UNITED STATES OF AMERICA.

Inventors :

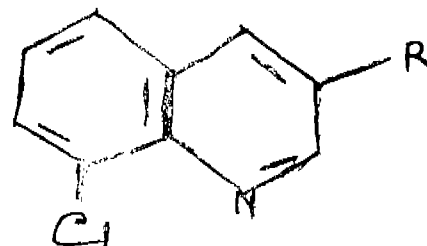
1. ROBERT S. MARMOR.
2. HENRY JFE STRONG.

Application No. 979/Cal/96 filed on 21st May, 1996.

(Convention No. 08/448,693; on 24-5-95; in USA.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Calcutta.

A process for preparing substituted 8-hydroxyquinolines which comprises reacting substituted 8-chloroquinoline of the formula :



wherein R is C₁-C₄ alkyl, hydroxy-C₁-C₄ alkyl, C₁-C₄ alkoxy-C₁-C₄ alkyl, C₁-C₄ haloalkyl, or di-C₁-C₄ alkylamino-C₁-C₄ alkyl in a stirred pressure reactor with dilute alkaline solution in the presence of a cupric catalyst at a temperature within the range of 150°C—200°C.

(Compl. Specn. 7 pages;

Drgs. Nil.)

Ind. Cl. : 63 B; 63 H; 65 B 2

181571

Int. Cl. : H 01 F 3/00; H 02 K 15/02;
H 02 K 1/00; H 01 F 27/24

AN ALUMINIUM FOIL WOUND ELECTROMAGNETIC CORE AND AN APPARATUS AND METHOD OF MAKING THE SAME.

Applicant : ALACRITY FOUNDATIONS PRIVATE LIMITED AN INDIAN COMPANY, OF 15 THIRUMALAI ROAD, T. NAGAR, CHENNAI-600 017, TAMILNADU, INDIA.

Inventors :

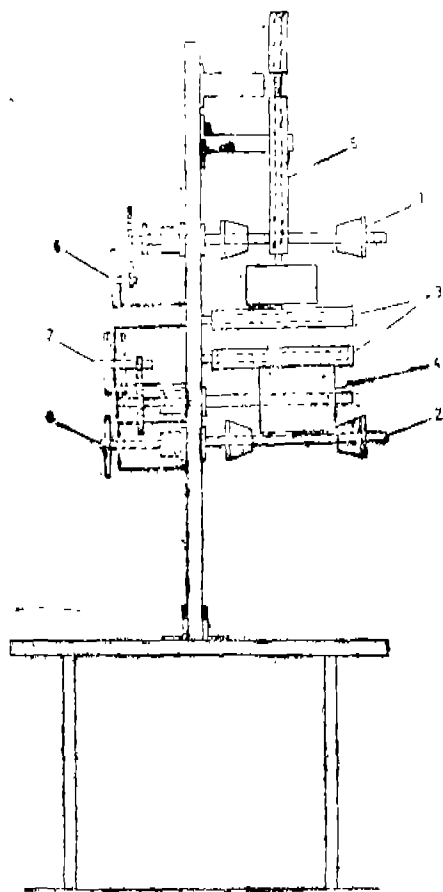
- (1) DILIP DNYANESHWAR DHARMASTMAL.
 - (2) RAMAKRISHNAN CHANDRASEKHARAN.
- BOTH ARE INDIAN CITIZENS.

Application No. 500/Mas/93 filed on 21st July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Chennai Branch.

10 Claims

An aluminium foil wound electromagnetic core suitable for devices such as transformers, chokes, motors, comprising a laminated core formed with stacked magnetic laminations, an insulator bobbin adapted to fit the said laminated core, characterised in that the said insulator bobbin being provided with at least one section of concentric windings of aluminium foil not exceeding 0.5 mm thickness as current carrying conductors, an insulator sheet of film separating each layer of said concentric winding of aluminium foil and terminations and tappings are provided from the said aluminium foil windings by means of good electrical contacts such as copper in the form of wires or strips.



(Com. : 17 Pages;

Drawgs. : 3 Sheets)

Ind. Cl. : 172 D 4

181572

Int. Cl.⁴ : D 01 H 13/30

A DEVICE FOR MONITORING SPINNING POSITIONS.

Applicant : MASCHINENFABRIK RIETER AG OF CH-8406 WINTERTHUR SWITZERLAND A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND.

Inventor : (1) WOLF HORST.

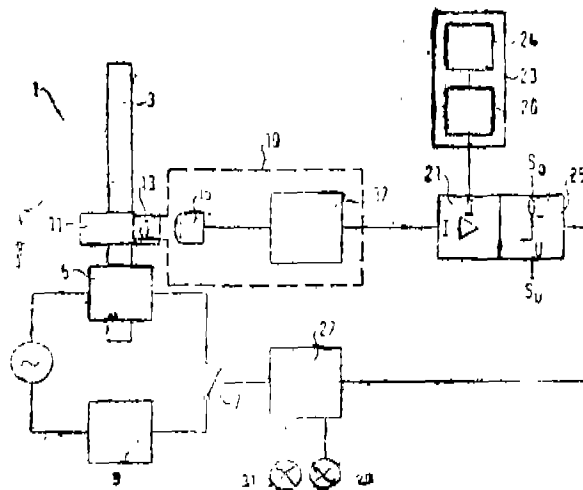
Application No. 517/Mas/93 filed on 27th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Chennai Branch.

7 Claims

A device for monitoring of spinning positions of a spinning machine, in particular of a ring spinning machine with spindles (3) arranged on the spinning positions (1) on which the yarn produced is wound, wherein each spindle (3), or the power required from the motor (5) driving the spindle (3) is associated with a receiving signal value generator (19), the output of which is connected to the first input (1) of a comparator (21) and a program control device (23) is connected to the second input (2) of the said comparator (21) the said pro-

gram control device is formed to deliver a nominal value signal, variable with time and the output of the comparator (20) is connected to a threshold switch (25) linked to an alarm device (27).



(Com. : 18 Pages;

Drawgs. : 2 Sheets)

Ind. Cl. : 172 D 8

181573

Int. Cl.⁴ : D 01 H 1/02

A SPINNING MACHINE, IN PARTICULAR RING SPINNING MACHINE.

Applicant : MASCHINENFABRIK RIETER AG A BODY CORPORATE ORGANISED UNDER THE LAWS OF SWITZERLAND, OF CH-8406 WINTERTHUR, SWITZERLAND.

Inventor : 1. LATTION ANDRE.

Application No. 518/Mas/93 filed on 27th July, 1993.

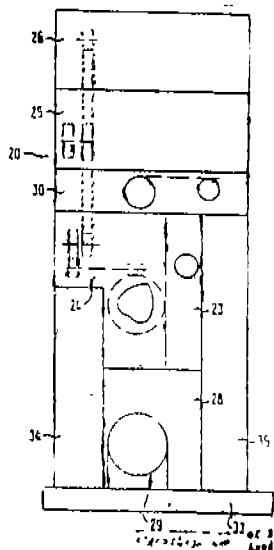
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office, Chennai Branch.

10 Claims

A spinning machine, in particular ring spinning machine, with at least one, but preferably two rows of rotatably drivable, spindles (11), which rows are opposite of one another and extend in the longitudinal direction, and drafting arrangements (12) disposed above said spindles (11) and allocated thereto and provided with a drive (19), and a ring bank (16) comprising cylinder carriages (14) as well as passage openings (15) for the spindles (11), which bank carries the traveller ring (17) allocated to each spindle (11) and which is liftable and lowerable by means of a drive (18), with the drives (18, 19) for the drafting arrangements (12) and the ring bank (16) being provided in a head frame or base frame (20, 21) which also carry the spindle drive (22), characterized in that the ring bank drive (18) and the drafting arrangement drive

(19) are each housed in at least one prefabricated module (23, 24, 30; 25, 26) which is completely mounted in the head frame or base frame (20, 21).

Fig 2



(Com. : 11 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 172 E

181574

Int. Cl.⁴ : B 65 H 75/20

YARN TUBE WITH REDUCING DIAMETER.

Applicant : FABIA ROMAGNOLI AN ITALIAN NATIONAL, OF VIA PIER DELLA FRANCESCA NO. 8, 50047 PRATO, ITALY.

Inventor : FABIA ROMAGNOLI.

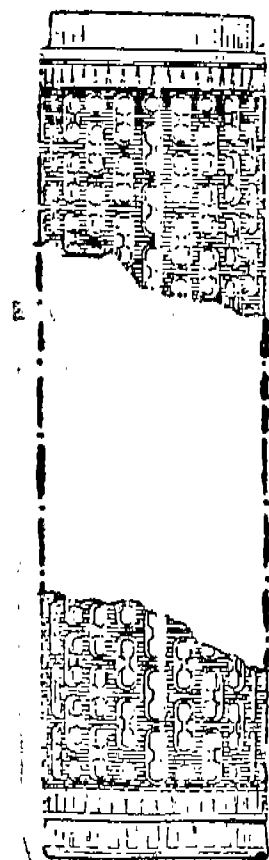
Application No. 522/Mas/93 filed on 28th July, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Paten's Office, Chennai Branch.

5 Claims

A yarn tube with reducing diameter comprising a cylindrical wall having a longitudinal axis, said cylindrical wall having diameter reduction means for reducing a diameter of said cylindrical wall when compressed by yarn, said diameter reduction means has a plurality of slots defined by said cylindrical wall, each of said plurality of slots extending substantially parallel to said longitudinal axis, said plurality of slots being arranged in a plurality of rows, each of said plurality of rows extending substantially parallel to said longitudinal axis, slots of one of said rows being staggered with respect to slots of adjacent rows, said cylindrical wall being veildable centripetally to move longitudinal sides of said slots closer together and reduce said diameter of said cylindrical wall.

Fig 1



(Com. : 10 Pages;

Drwgs. : 2 Sheets)

Ind. Cl. : 126 D

181575

Int. Cl.⁴ : G 01 N 33/36

A CAPACITIVE SENSOR FOR DETECTING FLUCTUATIONS IN THE MASS AND OR DIAMETER OF RUNNING LENGTHS OF ELONGATED TEXTILE TEST MATERIAL.

Applicant : ZELJWEGER USTER AG., A SWISS COMPANY, OF WILSTRASSE 11 CH-8610 USTER, SWITZERLAND.

Inventor : NIKLAUS HILDEBRAND.

Application No. : 586/Mas/93 filed on 19th August, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Paten's Office, Chennai Branch.

8 Claims

A capacitive sensor for detecting fluctuations in the mass and/or diameter of running lengths of elongated textile test material comprising a retaining block having an open-ended slot therein through which the test material may be passed; a first capacitor plate on said retaining block and extending along one side of said slot; a second capacitor plate on said block generally parallel to said first plate and extending along an opposite side of said slot in spaced relation to said first plate; guide means of nonconducting plastic material having a low dielectric constant for confining the textile test material in a predetermined area of the slot to reduce a position effect

associated with the first and second capacitor plates the guide means being disposed in said slot and having first and second

guide portions for preventing close approach of the test material to said capacitor plates.

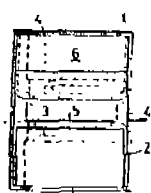


FIG. 2

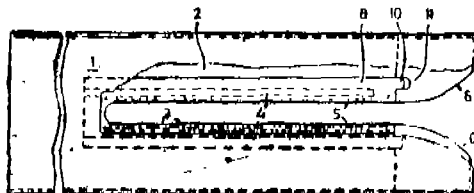


FIG. 1

(Comp. Specn. : 11 Pages;

Drwg. : 1 Sheet)

Ind. Cl. : 171

181576

Int. Cl.⁴ : G 02 C 7/02
G 02 B 3/00.

PROCESS FOR THE PRODUCTION OF OPHTHALMIC LENS.

Applicant : AKZO N.V. A NETHERLANDS COMPANY, OF VELPERWEG 76, 6821 BM ARNHEM, THE NETHERLANDS.

Inventors :

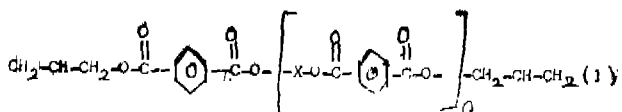
1. HANS LEONARD KUIPER.
2. ROBERT WINSTON VAN DE GRAAF.
3. MIEKE RUTSCH.

Application No. 605/Mas/93 filed on 26th August 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

8 Claims

A process for the production of an ophthalmic lens with a refractive index of 1.50 to 1.51 comprising polymerization castings of a curable composition comprising 60—99 wt% of at least one poly (alkyl carbonate) of a polyhydroxy alcohol, said polyhydroxy alcohol having from 2 to 20 carbon atoms and from 2 to 6 hydroxy groups in the molecule, 0.01 to 10 wt% of at least one radical initiator, and 0—20 wt% comonomers, at 30—100°C for 0.5—100 hours, characterized in that the polymerization casting is carried out in the presence of at least one diallyl phthalate type oligomer in an amount less than 10 wt%, said diallyl phthalate type oligomer in an amount less than 10 wt% said diallyl phthalate type oligomer being of the formula I



(Compl. Specn. 17 pages;

Drwgs. Nil.)

Ind. Cl. : 42 A-1

181577

Int. Cl.⁴ : B 65 B - 19/00

AN IMPROVED CIGARETTE PACKING MACHINE AND A METHOD FOR PRODUCING CIGARETTE PACKETS THEREWITH.

Applicant : VST INDUSTRIES LIMITED, AN INDIAN COMPANY, OF AZAMABAD, HYDERABAD-500 020, INDIA.

Inventor : 1. C. S. VAIDYANATHAN.

Application No. 646/Mas/93 filed on 14th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

An improved cigarette packing machine comprising means for supplying cigarettes to vanes having guiding and holding means to guide a predetermined number of cigarettes evenly distributed in at least one row, means for transporting the said cigarettes to a wrapping station, provided with folders and tuckers, means to supply sheets metal foil cut to the desired size by cutting means provided with cutting blades rotatable in their horizontal axis, the said folding and tucking means wrapping the cigarettes in a single bundle, means for supplying a single winged slide member at a time, the supply being timed to supply a single advancing foil bundle, means for enfolding the foil bundle in the slide member, means to supply a single shell member at a time in an open configuration timed to meet the advancing slide and cigarette bundle assembly to form a shell and slide package and means for ejecting the so packed cigarette in an upright manner, the drive assembly of the machine being a cam indexing unit.

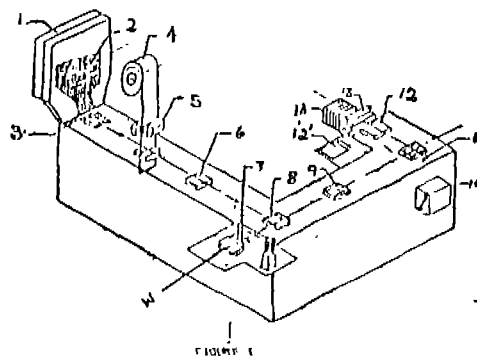


FIG. 1

(Com. : 13 Pages ;

Drwgs. : 1 Sheet)

Ind. Cl. : 95 K

181578

Int. Cl.⁴ : B 25 B - 13/08

OPEN-ENDED SPANNER.

Applicant : CHIH CHING HSIEH, OF NO. 64, LANE 107, LIEN TSUN ROAD, FENG YUAN CITY, TAICHUNG HSIEN, TAIWAN, REPUBLIC OF CHINA, CITIZEN OF TAIWAN.

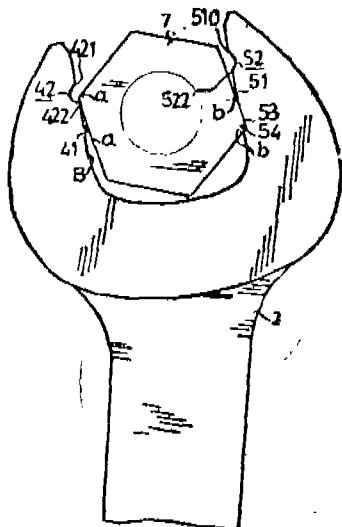
Inventor : 1. CHIH CHING HSIEH.

Application No. 659/Mas/93 filed on 20th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

An open-ended spanner comprising : a handle having two opposite ends; and a head portion integrally formed on at least one of the ends of said handle, said head portion having two substantially parallel opposite jaw members each defining an inner side and an outer side, and a throat portion which connects said two jaw members, each of said two jaw members having a first section, a second section and a third section, characterised in that : said first section is a smooth plane defining an inner end near said throat portion and an outer end near an opening between said two jaw members, a recess is formed in a mediate portion of said first section and has an edge near said outer end and an arc-shaped portion near said inner end; said second section is a smooth plane extending from said inner end of said first section toward said outer side of said corresponding jaw member and ending at a point where said third section starts, an acute angle is formed between said first section and said second section; and said third section is a smooth plane extending from a first end toward said inner side of said corresponding jaw member and ending at a place connecting with said throat portion, said corner with an obtuse angle substantially equal to 120° is formed therebetween.



(Com. : 12 Pages;

Drwgs. : 4 Sheets)

Ind. Cl. : 101 B, F.

181579

Int. Cl.⁴ : E 0 4 C 3/02

A STRUCTURE FOR SUPPORTING AN OFF-SHORE PLATFORM.

Applicant : PETROLEO BRASILEIRO S.A.-PETROBRAS, OFICINA V REPUBLICA DO CHILE NO. 65, RIO DE JANEIRO, BRAZIL, A COMPANY ORGANISED UNDER THE LAWS OF BRAZIL.

Inventor : 1. VITOR GIORDANI MACIEL.

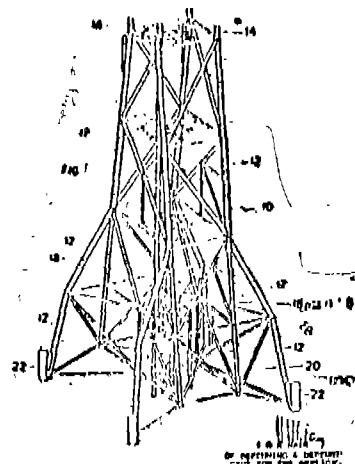
Application No. 670/Mas/93 filed on 23rd September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

5 Claims

A structure for supporting an offshore platform comprising four main legs (12), divergent in the lower region (C) and transition region (B) of the said structure and parallel in pairs in the upper region (A) from where extend vertical sections (14), said structure having in the lower region (C), a widened base (20) having external lateral faces with a dihedral or approximately dihedral shape, said structure fixable to the sea bottom by piles or group of vertical piles (22) fixed to the lower ends of the four main legs (12), said

main legs (12) being extended by smaller diameter secondary legs (18) descending from the transition region (B) at the point of divergence of the main legs (12) and to the base of the structure (10).



(Comp. Specn. : 11 Pages;

Drwg. : 5 Sheets)

Ind. Cl. : 23 B; 51 D.

181580

Int. Cl.⁴ : A 45 D 27/24; B 26 B 21/00; B 65 D 83/10

A PROTECTIVE CASE FOR A SAFETY RAZOR HEAD AND A SAFETY RAZOR HAVING THE SAME.

Applicant : UPPINANGADY VARADARAYA NAYAK 15-48, HAPPY VALLEY, KALPANE, KULSHEKAR, MANGALORE-575 005, KARNATAKA STATE, INDIA, AN INDIAN CITIZEN.

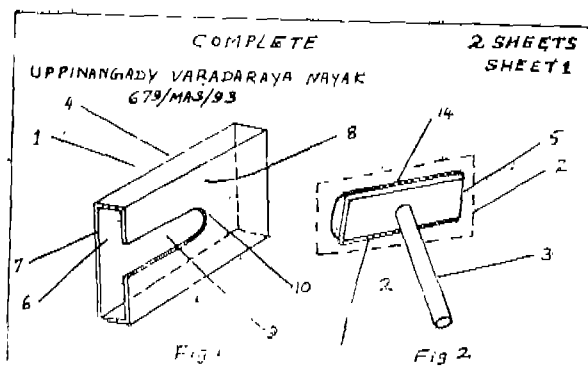
Inventor : UPPINANGADY VARADARAYA NAYAK.

Application No. 679/Mas/93 filed on 27th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A protective case (1) for a safety razor head (5) and a safety razor (2) having the same having a handle (3) comprising a case (4) for enclosing the razor head (5) therein, the case (4) being attachable to and detachable from the razor head (5)/razor (2) characterised in that the case (4) is having an opening/slit (6) in one side (7) of the case (4) for inserting the razor head (5) into the case (4) therethrough and an opening/slit (9) in an adjoining side (8) of the case (4) for the passage of the handle (3) therethrough, the said openings/slits (6, 9) being in communication with each other, the opening/slit (9) in the adjoining side (8) extending from the opening/slit (6) in the said one side (7) of the case (4).



(Com. : 10 Pages;

Drwgs. : 2 Sheets)

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PATENT SEALED ON 12-06-98

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 179276*D 179277*D 179279*F 179280*D 179281* 178282*
 179283 179284*D 179285 179286*D 179287* 179288 179289
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CAL-01, DEL-09, MUM-10, CHEN-NIL

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of the registration included in the entries.

Class 1. No. 174150, Dodla Vijayagopal Reddy of Associated marketing agencies, No. 1, Second Street, Nandanam Extension, Chammers Road, Chennai-600035, Tamil Nadu, India, Indian national, "Electric Protectors", 24th June 1997.

Class 1. Nos. 174453 & 174454, Mondal Engineering & Co., an Indian proprietary firm of Jagadishpur Hat (Kamarpara), Howrah-711328, West Bengal, India, "Hinge", 4th August 1997.

Class 3. Nos. 174218 & 174219, Tilak Raj Bagga, trading as Forward Auto Industries from A-93/5 (OI), Wazirpur, Delhi-110052, India, an Indian national, "Polishing Brush Container", 3rd July 1997.

Class 3. No. 174147, Pooja Plastic Industries, Plot No. 408, G. I. D. C., Sector 28, Gandhinagar, Gujarat, India, a regd. partnership firm, "Jerry Can", 24th June 1997.

Class 3. Nos. 174076 & 174077, Reckitt & Colman Products Ltd. a British comp. of One Burlington Lane, London W4 2RW, United Kingdom, "Trigger Pump", 17th June 1997.

Class 3. No. 174078, Reckitt & Colman Products Limited, a British company of One Burlington Lane, London W4 2RW, United Kingdom, "Bottle With Trigger Pump", 17th June 1997.

Class 3. Nos. 174168 & 175169, Motorola, Inc., a corporation of the State of Delaware of 1303 East Algonquin Road, Schaumburg, Illinois 60196, U.S.A., "Fixed Wireless Terminal Enclosure", 28th June 1997.

Class 4. Nos. 174245 & 174247, Mulder India Private Limited, a company existing under the Companies Act, 1956 of 12 Race Course Road, Bangalore-560001, State of Karnataka, India, "Ceramic Tiles", 8th July 1997.

Class 3. Nos. 173423 to 173426, Chief Controller, Dept. of Defence Research and Development, Defence Research and Development Organisation, Ministry of Defence, Govt. of India, Sena Bhawan, New Delhi-110011, India, "A Strip Cutter", 25th March 1997.

Class 3. No. 173427, Chief Controller, Dept. of Defence Research and Development, Defence Research and Development Organisation, Ministry of Defence, Govt. of India, Sena Bhawan, New Delhi-110011, India, "Gel Strip Cutter", 25th March 1997.

Class 3. No. 173435 & 173436, Chief Controller, Dept. of Defence Research and Development, Defence Research and Development Organisation, Ministry of Defence, Govt. of India, Sena Bhawan, New Delhi-110011, India, "Gel Slot Maker", 25th March 1997.

H. D. THAKUR

Controller General of Patents Designs & Trade Marks

प्रबन्धक, भारत सरकार मद्रास, फरीदाबाद द्वारा प्रदत्त
 एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1998

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